

My Samsung Galaxy S5 *for Seniors*



que

AARP
Real Possibilities

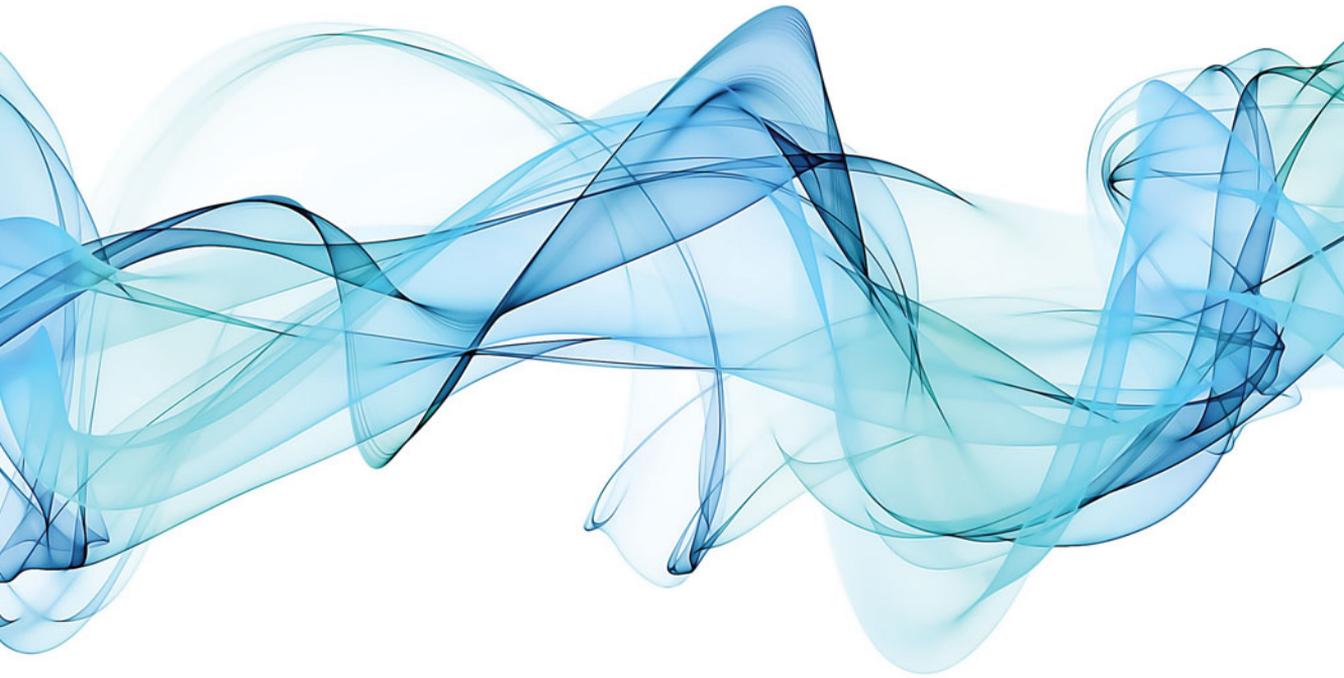
Elna Tymes

FREE SAMPLE CHAPTER



SHARE WITH OTHERS

My Samsung Galaxy S5[®] *for* Seniors



Elna Tymes

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AARP[®]

Real Possibilities

My Samsung Galaxy S[®]5 for Seniors

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About the Author

Elna Tymes has been writing books and manuals about computers and software since the late 1960s; she's probably written enough to fill a small storage shed. She and her writing partner, Charles Prael, have written a large number of books about Windows and Apple products, as well as telecommunications and networking software. Elna has been a consultant with a variety of large and small Silicon Valley companies since before the term "Silicon Valley" came into use. She is working on a PhD and is very active in senior policy-making in Santa Clara County, CA.

About AARP and AARP TEK

AARP is a nonprofit, nonpartisan organization, with a membership of nearly 38 million, that helps people turn their goals and dreams into *real possibilities*[™], strengthens communities, and fights for the issues that matter most to families such as healthcare, employment and income security, retirement planning, affordable utilities, and protection from financial abuse. Learn more at aarp.org.

The AARP TEK (Technology Education & Knowledge) program aims to accelerate AARP's mission of turning dreams into *real possibilities*[™] by providing step-by-step lessons in a variety of formats to accommodate different learning styles, levels of experience, and interests. Expertly guided hands-on workshops delivered in communities nationwide help instill confidence and enrich lives of the 50+ by equipping them with skills for staying connected to the people and passions in their lives. Lessons are taught on touchscreen tablets and smartphones—common tools for connection, education, entertainment, and productivity. For self-paced lessons, videos, articles, and other resources, visit aarptek.org.

Dedication

To Adrian, Charlie, and Kelly: Thanks for dinners, tech support, sufferance, and listening. There is room in my life for flowers, sunshine, and cats.

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For More Advanced Reading

After working through this book, you can find more detailed information about using and configuring the Galaxy S5 in our more advanced title: *My Samsung Galaxy S5* by Steve Schwartz. For example, you can learn how to transfer files between your computer and phone, synchronize your data, convert DVD videos for playback on the phone, use advanced camera and video recording options, power other devices, and troubleshoot any problems that arise.

Note: Most of the individuals pictured throughout this book are the authors themselves, as well as friends and relatives (and sometimes dogs) of the authors. Some names and personal information are fictitious.

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In this chapter, you learn to use the phone's cameras to shoot, edit, share, and manage photos of yourself and other subjects. Topics include the following:

- Using the front and rear cameras to shoot self-portraits and photos of other subjects
- Viewing, managing, and sharing the current photo
- Viewing stored photos in Gallery
- Using Photo Studio to edit your shots
- Generating a slideshow from selected folders or photos
- Posting a picture on Facebook

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Shooting, Editing, and Sharing Photos

If you keep your phone handy, there's no excuse for missing an unexpected photo opportunity. Using the built-in cameras on your Galaxy S5, you can easily shoot posed and candid high-resolution photos of friends, family, yourself, and anything else that catches your eye.

Setting a Storage Location for Photos and Videos

If you've added a memory card to the phone, be sure to set the Storage setting to Memory Card (as explained in "Using the Settings Palette," later in this chapter).

Shooting Photos

You can shoot photos of subjects in front of you using the 16MP (*megapixel*) rear camera or take self-portraits with the 2MP front camera.

What's the Deal with MP?

MP indicates the density of pixels in a photo, and to some extent reflects the quality of the photo. The higher the MP number, the more you can increase the dimensions of the photo; however, the higher the MP number, the larger the file—meaning it could be difficult to email.

Shoot Self-Portraits with the Front Camera

Use the front camera to take pictures of yourself—or yourself and a friend or two. Note that you can't use the flash or zoom in this mode.

- 1 From the Home screen, launch Camera by tapping its shortcut (if you haven't removed it) or by tapping Apps, Camera.



Other Launch Options

You can launch Camera from the lock screen by sliding the Camera icon upward (if it's present). For instructions on configuring the lock screen in this manner, see Chapter 14, "Securing Your Cell Phone."

You can also launch Camera from within Gallery by tapping the Camera toolbar icon.

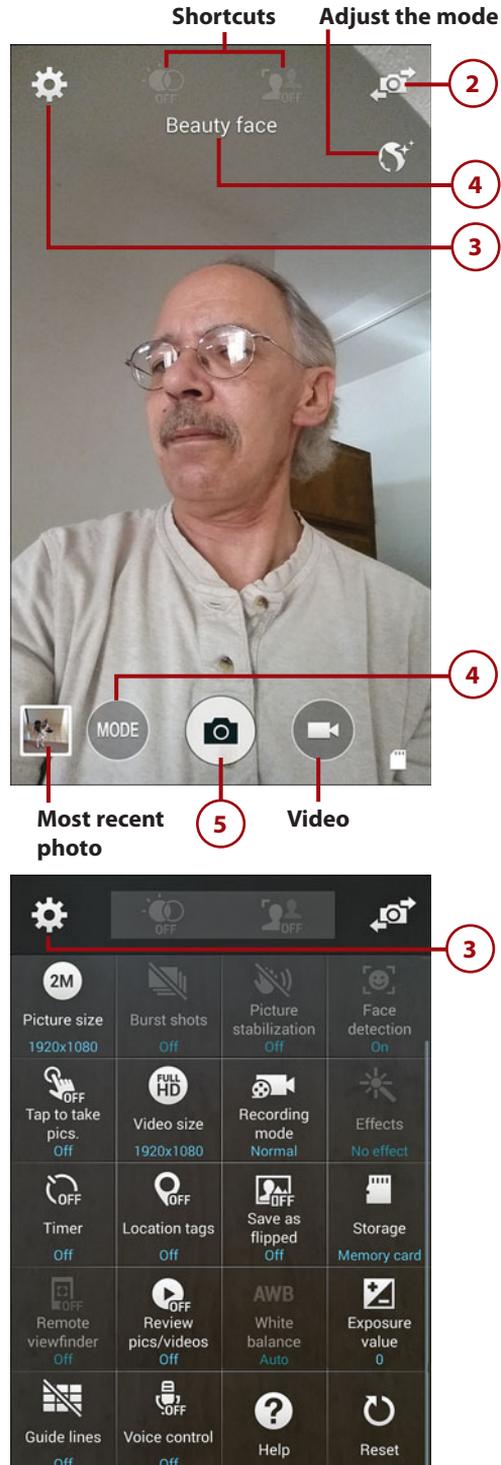


- 2 Determine whether the rear or front camera is active. If the rear camera is active, change to the front camera by tapping the Switch Camera icon.
- 3 *Optional:* Review or adjust the camera settings that will be used for the shot by tapping the Settings icon. After you change the settings, your icons might not be in the same order, and you might have to scroll up or down to see them all. For additional information about Settings, see “Changing the Camera Settings,” later in this section.

Shortcut Icons

As described later in “Changing the Camera Settings,” you can customize the Camera toolbar by adding shortcuts to frequently used settings. You can tap a shortcut icon rather than opening Settings.

- 4 *Optional:* Tap the Mode button to set a shooting mode. The default setting is Auto. The current mode is displayed near the top of the viewfinder screen. To learn more about modes, see “Selecting a Shooting Mode” later in this chapter.
- 5 When you’re ready to take the picture, tap the Camera button. (The Volume key can also be used as a shutter button.)



Where's the Photo?

To review all photos taken with the cameras, launch the Gallery app, select Album view, and open the Camera folder. (If you have an add-in memory card, there may be two Camera folders.) To go straight from the Camera app to the most recent photo you've taken, tap its thumbnail in the lower-left corner of the viewfinder screen.

Shoot Photos with the Rear Camera

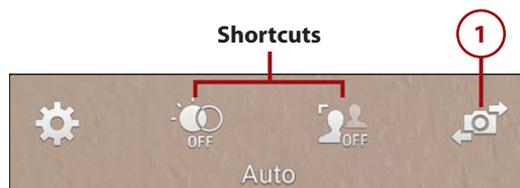
Of course, most of the photos you'll shoot with the Galaxy S5 will be of other people and subjects. Shooting photos of others is similar to shooting self-portraits, but it uses the higher-resolution rear camera and has many additional options. Note that virtually every step in the following task is optional, and you can perform Steps 2–5 in any order that's convenient.

- 1 Launch the Camera app and determine whether the rear or front camera is active. If the front camera is active, switch to the rear camera by tapping the Switch Camera icon.

Portrait or Landscape

Whether you use the front or rear camera, you can take any photo in *portrait* (right-side up) or *landscape* (sideways) mode. To shoot in landscape mode, turn the phone sideways.

- 2 *Optional:* Frame your subject by zooming in or out. (The Galaxy S5 has a digital zoom.) Touch the viewfinder screen with two fingers and spread them apart to zoom in or pinch them together to zoom out.

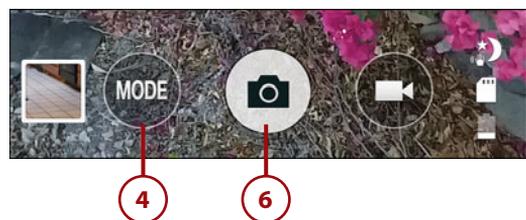
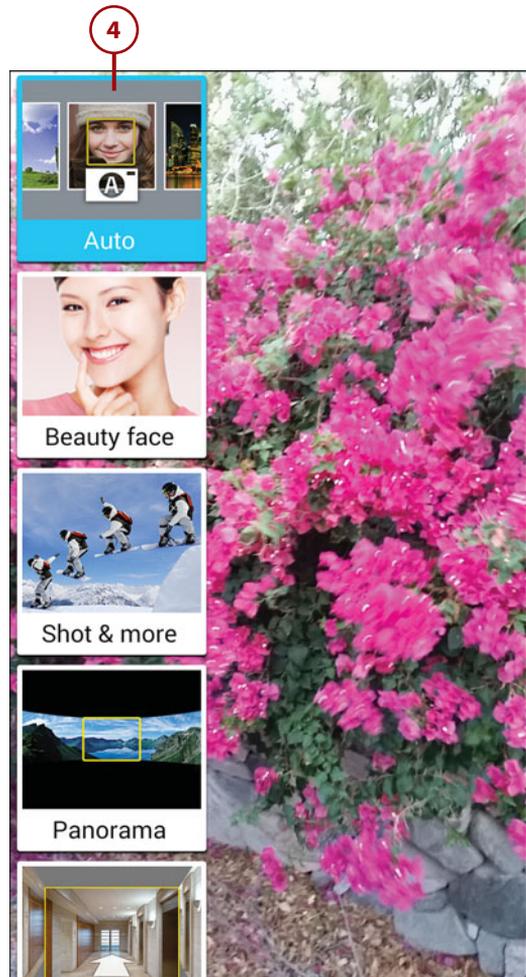
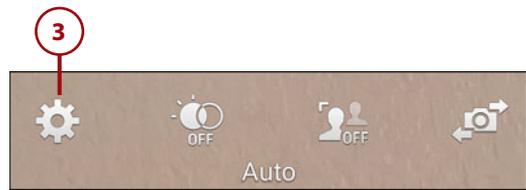


- 3** *Optional:* To review or adjust the camera settings that will be used for the shot, tap the Settings icon. Make any desired changes in the vertically scrolling palette, and then dismiss it by tapping the Settings icon again, tapping elsewhere on the screen, or pressing the Back key. For additional information about Settings, see “Changing the Camera Settings” later in this chapter.

Shortcut Icons

As described later in “Changing the Camera Settings,” you can customize the Camera toolbar by adding shortcuts to frequently used settings. You can tap a shortcut icon rather than opening Settings.

- 4** *Optional:* Tap the Mode button at the bottom of the screen to set a shooting mode. The default setting is Auto. The currently selected mode is displayed near the top of the viewfinder screen. To learn more about modes, see “Selecting a Shooting Mode,” later in this chapter.
- 5** *Optional:* To set the focus to a particular area, tap that spot on the viewfinder screen. The focus area turns green when the lighting and focus are sufficient to snap the photo.
- 6** When you’re ready to take the picture, tap the Camera button. (Turning the Volume up or down can also be used as a shutter button.)



Avoid Odd Angles for Faces

When shooting portraits, you can avoid misshapen faces by holding the camera at the same angle as that of your subject. If your results are subpar, try another shot while ensuring that the phone isn't tilted—even a little.

Changing the Camera Settings

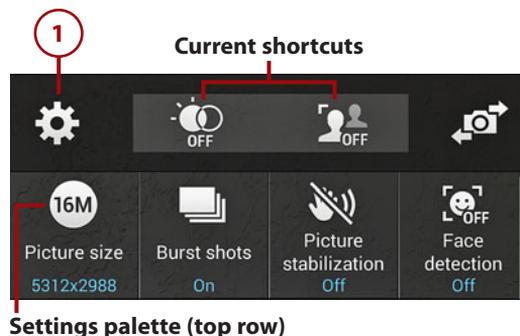
Before taking a photo, you can apply optional settings to enable or disable the flash and adjust the exposure, resolution, ISO, and so on. Note that some settings are available only for the rear-facing camera, others only for self-portraits, and still others apply only to video recordings. Also, certain automated settings can interact with and prevent you from altering manual settings. For example, when Picture Stabilization is enabled, you cannot set ISO.

You can change settings in three places: the shortcuts, the Settings palette, and by selecting a shooting mode.

Configure and Use the Shortcuts

The *shortcuts* are user-selected icons that appear at the top of the viewfinder screen between the ever-present Settings and Switch Camera icons. You can tap them to make the settings adjustments that they represent without opening the Settings palette. You can replace the default shortcuts (HDR and Selective Focus) with up to three shortcuts of your choosing.

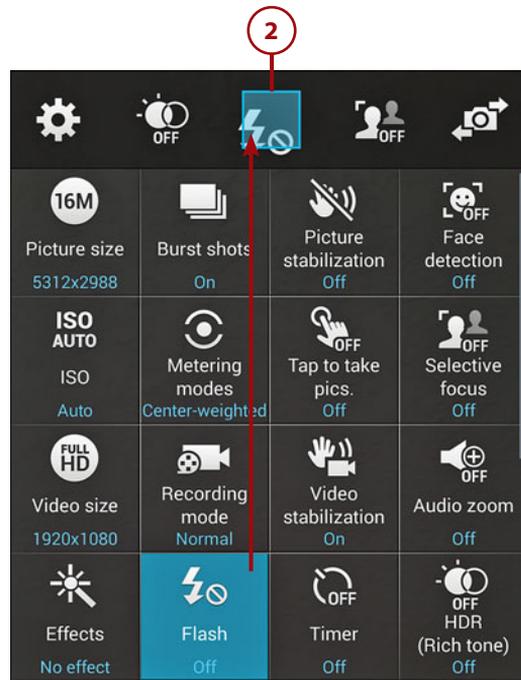
- 1 Tap the Settings icon to open the Settings palette.



- 2 In the Settings palette, press and hold the icon that you want to use as a shortcut, and drag it into the shortcuts. If you currently have fewer than three shortcuts, you can drag it into any position. If you already have three shortcuts, drag it onto the shortcut that you want to replace.

Removing Shortcuts

You can remove a shortcut by long-pressing it, and—when the Settings palette appears—dragging the shortcut into the palette.



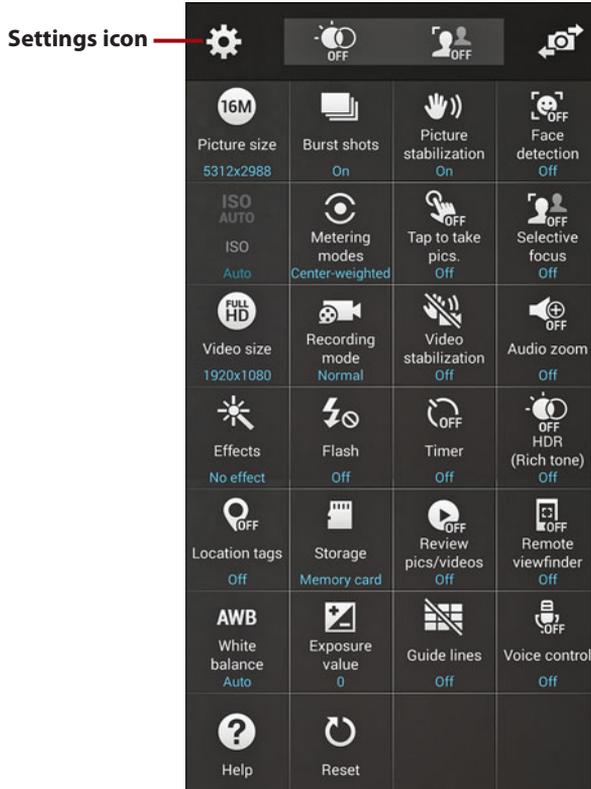
Display-Only Icons

In the lower-right corner of the screen, one or more settings icons may be displayed, such as the current Flash setting and a Storage icon (indicating that the shot will be saved to an installed memory card). Settings icons in this area are for informational purposes only; you can't interact with them.

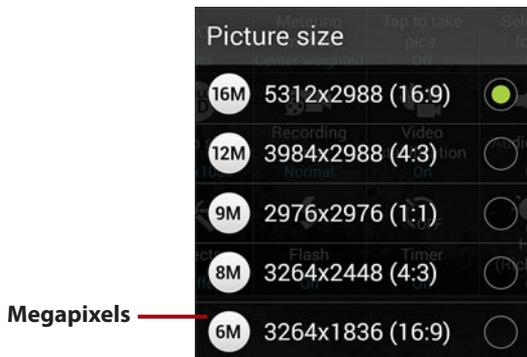


Using the Settings Palette

To modify most settings, you must first open the Settings palette by tapping the Settings icon. Here's what the photo-related settings do:



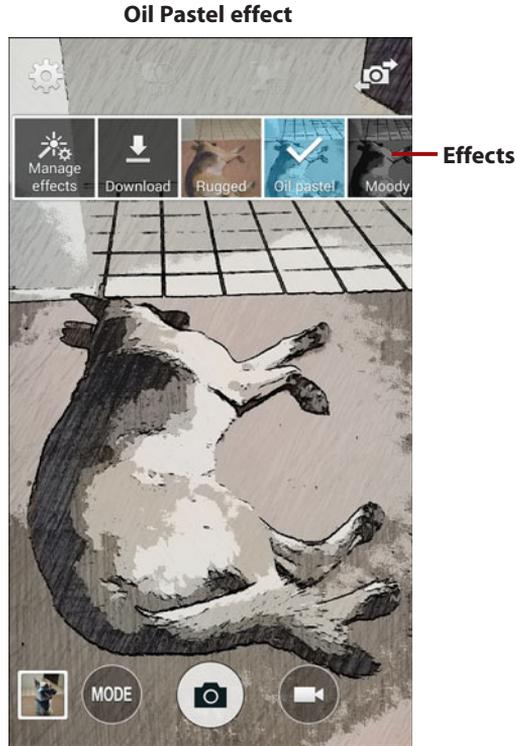
- **Picture Size.** To shoot at the camera's highest resolution, select 16M: 5312×2988 (16:9). If you're running out of storage space or intend to share the photo on the Web or in email, you can select a lower resolution.



Alter the Resolution After the Shot

Using almost any image-editing program, you can reduce the resolution *after* shooting the photo.

- *Burst Shots.* When enabled, you can quickly take up to 30 shots by holding down the Camera button or Volume key. Burst Shot photos are stored in Device memory, regardless of your Storage setting.
- *Picture Stabilization.* This anti-shake setting adjusts shots for unintended blur caused by camera movement.
- *Face Detection.* Enable Face Detection when you want the camera to search for a face in the shot and optimize the focus for the face.
- *ISO.* The ISO setting is for film speed or sensitivity to light. You can use a lower ISO for shots taken on a bright, sunny day and use a higher ISO for dimly lit shots or ones taken in dark settings. Options include Auto (allows the camera to set the ISO), 100, 200, 400, and 800.
- *Metering Modes.* Specify the method used to perform light metering: Center-Weighted, Matrix, or Spot.
- *Tap to Take Pics.* When enabled, you can tap anywhere on the screen to take a picture.
- *Selective Focus.* In general, everything is in sharp focus in photos taken with a fixed-lens digital phone or camera. When Selective Focus is enabled, Camera simulates an effect similar to that of focusing a 35mm camera lens. That is, a nearby object on which you're focusing (less than 1.5 feet away) is in sharp focus, and background objects are out of focus or blurred.
- *Effects.* Select an effect that will be applied as you frame and take the photo. Tap Manage Effects to specify the effects that will be included in the scrolling list. Tap the Download icon to acquire additional effects from Samsung Apps. Select No Effect to cancel the selected effect. (You can't apply an effect when shooting in HDR mode.)



- *Flash*. Tap Flash repeatedly to cycle through its three states: On, Off, and Auto. When set to Auto, the camera fires the flash when current lighting dictates that it's needed. To avoid blinding you, Flash is automatically disabled when you're taking self-portraits.
- *Timer*. To instruct the camera to snap the upcoming picture after a preset delay, select a 2-, 5-, or 10-second delay.

Timer Shots

With a 35mm camera, you'd use its timer to give yourself a few seconds to dash into a photo. With your Galaxy S5, however, using the timer assumes that you have some way to make the phone stand on its own. Prop it up or mount it in a tripod designed for smartphones.

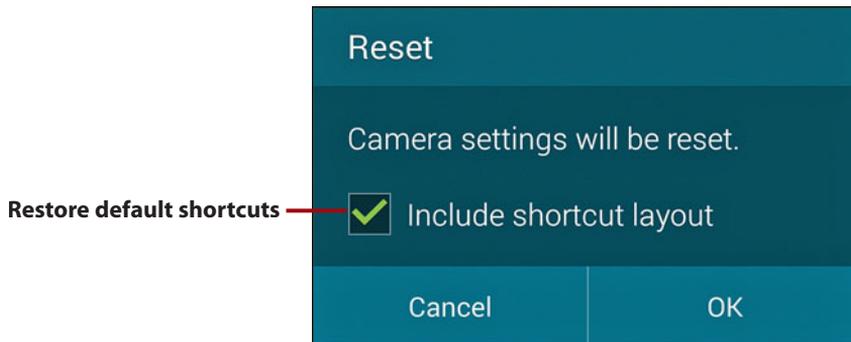
- *HDR (Rich Tone)*. Takes photos in *High Dynamic Range (HDR)* mode, increasing the amount of detail. When shooting in HDR mode, some other settings—Effects, for example—cannot be enabled.

- *Location Tags.* When enabled, the photo file's metadata contains information that shows where the shots were taken, based on the GPS.
- *Save as Flipped.* This setting is available only when shooting a self-portrait with the front-facing camera. Enable it to automatically flip each shot horizontally.
- *Storage.* Specify where photos are stored as they're shot: *Device* (internal memory) or *Memory Card* (add-in memory card). If Camera detects a need for speedier storage (when shooting Burst Shots, for example), Device is automatically used.
- *Review Pics/Videos.* When set to On, each new photo immediately opens in Gallery, enabling you to examine, delete, or edit it. (To *manually* review the most recent camera pic, tap the thumbnail in the lower-left corner of the screen.)
- *Remote Viewfinder.* When enabled, you can use the viewfinder of a compatible device that's connected via Wi-Fi Direct to take pictures.
- *White Balance.* To adjust shots for current lighting "temperature" and how white will be displayed, select Auto (allow the camera to determine the best setting), Daylight, Cloudy, Incandescent, or Fluorescent.
- *Exposure Value.* Drag the Exposure value slider to the right to adjust for a dark scene or to the left for an overly bright scene.



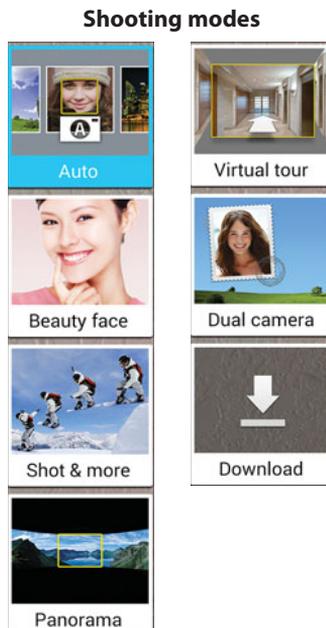
- *Guide Lines.* When enabled, white guidelines divide the screen into a 3×3 grid to make it easier to center and frame the subject matter.
- *Voice Control.* When enabled, you can optionally use voice commands (Smile, Cheese, Capture, or Shoot) to snap photos.

- *Help.* View elementary Help information about using Camera to take pictures and record videos.
- *Reset.* Select this option and tap OK to reset all settings in the Settings palette to their default values. Remove the check mark if you want to leave modified shortcuts intact.



Selecting a Shooting Mode

When you're in a rush—but not *that* much of a rush—you can select a shooting mode that automatically specifies a combination of camera settings or enables a special feature to use for the upcoming shot(s). Tap the Mode button and select one of these options:

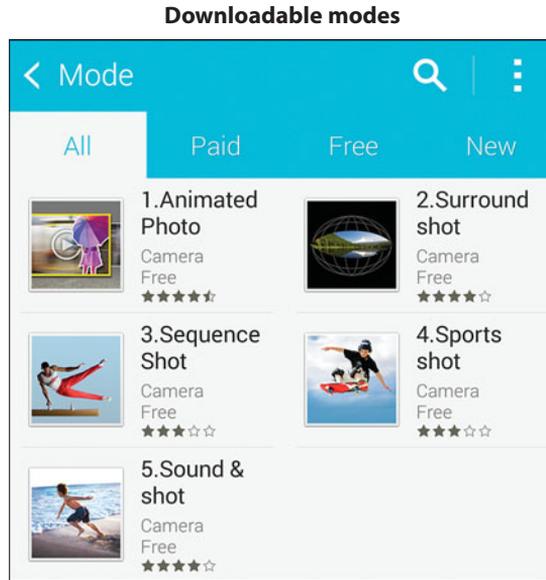


- *Auto*. This default mode snaps a single normal photo.
- *Beauty Face*. Smooths the subject's facial features, reducing simple wrinkles, hiding pores and small blemishes, and so on. (People might accuse you of having these shots professionally retouched.) Tap the Beauty Face icon on the right edge of the screen to specify the amount of smoothing.
- *Shot & More*. The camera rapidly takes eight shots in portrait or landscape orientation. (Zooming isn't allowed.) After taking the photo, you can immediately apply one of five modes or do so when it's opened for editing. See the "Using Shot & More" sidebar for an explanation of its modes.
- *Panorama*. Takes multiple shots as you pan across a scene and stitches them together into a single photo. Tap the Camera button to start the shot, slowly pan the camera, and then tap the Stop button to conclude the process. When viewed in Gallery, you can optionally tap the Play icon to pan slowly across the entire scene.



- *Virtual Tour*. By automatically taking multiple pictures as you walk around and follow the onscreen turn directions (left, straight, right), this mode creates a "virtual tour" video that's similar to what you see in online advertisements for homes.
- *Dual Camera*. Simultaneously activates both cameras when shooting photos or videos, enabling you to achieve a picture-in-picture effect. To select an effect for the inset picture, such as Cubism, Instant Pic, or Heart Shape, tap the greater than (>) symbol on the viewfinder's left edge. Either the rear or front camera can be dominant when using this mode.

- *Download.* Links to a Samsung Apps page where you can download additional Camera modes—including some that came with the Galaxy S 4, such as Animated Photo and Sound & Shot.



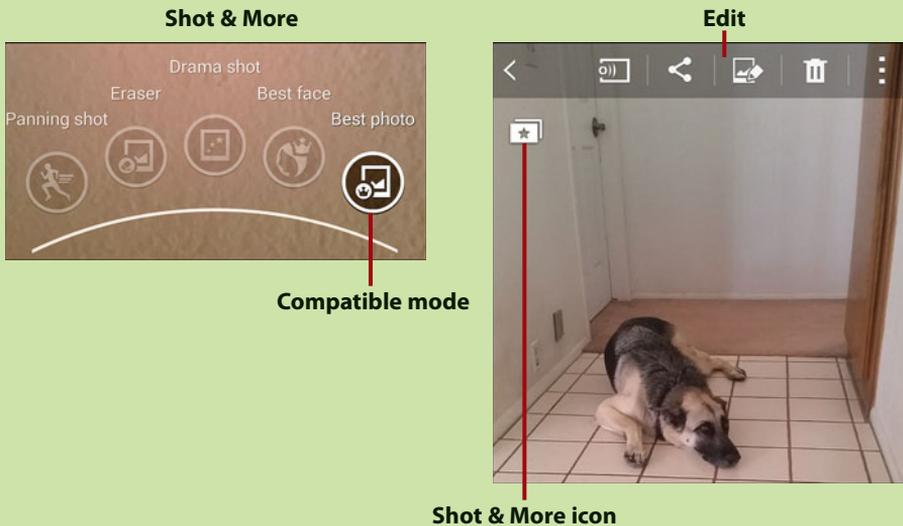
Reset the Shooting Mode

Be sure to always check the onscreen mode indicator before you take the next shot. The most recent shooting mode is sometimes retained. Other settings may also be retained and should be reset as needed.

>>> Go Further

USING SHOT & MORE

Immediately after taking a photo in Shot & More mode, a mode-selection arc appears. Modes appropriate to the shot are highlighted; ineligible ones are grayed out. Select a mode by tapping its button, or you can wait until you're reviewing the photo in Gallery. Shot & More images are identified in Gallery by a star icon in the upper-left corner. To apply a mode to the shot, tap the Edit icon.



The following modes are supported:

- *Panning Shot*. Enables you to simulate action by selecting the subject and blurring the background.
- *Eraser*. Creates a composite photo that eliminates any person, animal, or object that wandered into the shot.
- *Drama Shot*. Combines multiple shots of a moving person or object into a single photo. Tap thumbnails of the images you want to include, and tap the disk icon to store the composite photo in the Studio folder. Drama Shot works best when the subject moves *through* the shot—from one side of the frame to the other—rather than toward or away from you.
- *Best Face*. Enables you to pick the best expression for each person in a group and then merge them into a single shot. When editing the shot, the camera identifies each face by surrounding it with a rectangle. One person at a time, tap the individual's selection rectangle, review their facial expression thumbnails, and tap the one you like best. Repeat this process for each person in the photo, and tap the disk icon to save the composite photo.
- *Best Photo*. Asks you to pick the shots you want to keep. The photo judged by Camera to be the best is marked with a crown. Review the shots, tap thumbnails of photos you want to save, and tap the disk icon. Selected photos are stored in the Studio folder, while the editable original remains in the Camera folder.

Reviewing Photos

After taking a photograph, you can immediately examine and perform various actions on it, such as sharing, deleting, or renaming the shot. Read about additional options when viewing *any* stored photo or video in “Using Gallery to View and Edit Photos,” later in this chapter.

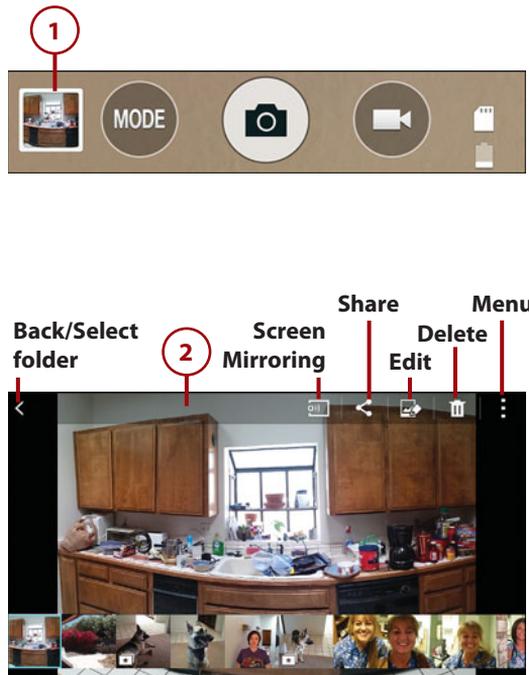
Automatic Review

If you find that you typically review each photo before taking the next one, you can automate the switch to Gallery. In Camera, tap the Settings icon and enable Review Pics/Videos.

1 To review the most recent shot in Gallery, tap the photo’s thumbnail on the viewfinder screen.

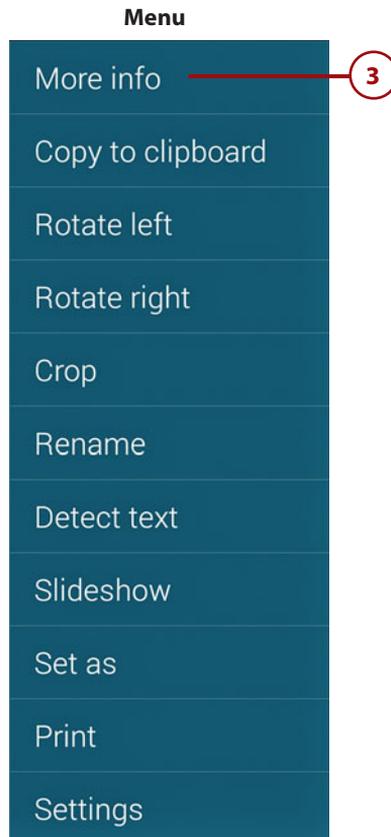
2 In Gallery, if the toolbar isn’t visible across the top of the screen, you can make it appear by tapping anywhere onscreen. From left to right, tapping icons enables you to do the following:

- Select a different folder to open.
- Use screen mirroring to share the image with a compatible device.
- Share the image using a variety of methods, such as sending by Email, enclosing in a multimedia message, or posting to Facebook.
- Edit the photo with Photo Studio.
- Delete the photo.
- Open Gallery’s menu.



- 3** While examining the photo, you can also do the following:
- Review the photo in portrait or landscape orientation by rotating the phone.
 - Zoom in or out by double-tapping the photo, spreading your fingers apart, or pinching your fingers together.
 - View a different image by tapping a thumbnail at the bottom of the screen or swiping horizontally across the screen.
 - Tap the menu icon and choose commands to perform other operations on the photo, such as rename, rotate, crop, or use it as wallpaper (Set As).

- 4** When you're ready to return to Camera, press the Back key. (If you're on a Gallery screen that has a camera icon in the toolbar, you can tap the icon to return to Camera.)



Using Gallery to View and Edit Photos

All photos and videos stored on your phone—regardless of whether you took them with Camera—can be viewed, edited, and managed in the Gallery app.

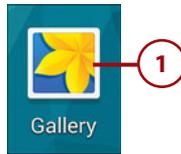
View and Edit Photos

- 1 From the Home screen, launch Gallery by tapping Apps, Gallery.
- 2 *Optional:* Tap the icon in the upper-left corner and choose a view that makes it easy for you to find the images you want to examine, edit, share, or delete. By default, your most recent view is used. Choose Album to work with images arranged in folders or choose Time to see them organized by when the images were taken or created. This example uses Album view. (To learn more about views, see the “Choosing a Gallery View” sidebar later in this chapter.)

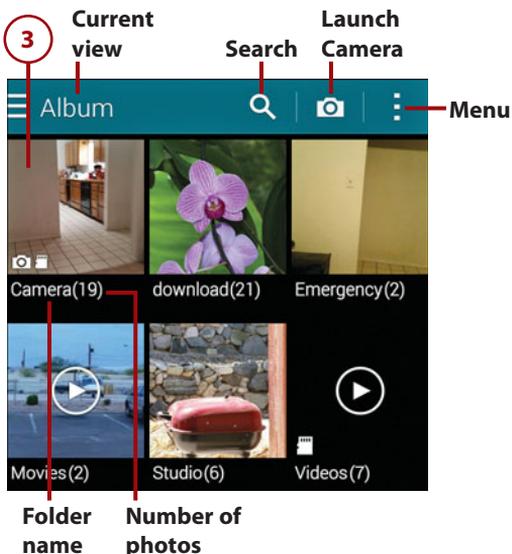
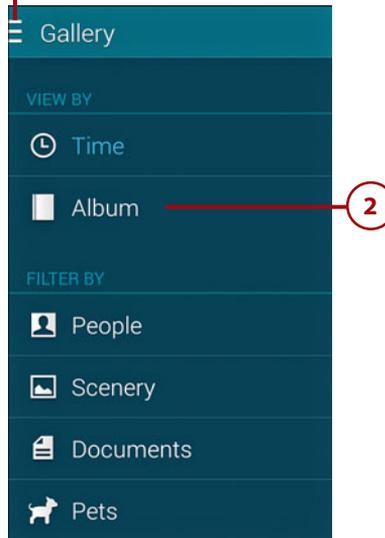
A Time View Trick

You can change the size of thumbnails in Time view by spreading your fingers apart or pinching them together.

- 3 On the main Album view screen, tap the album/folder that holds the pictures you want to view. The Camera folder, for example, contains photos you’ve taken with the phone’s cameras. (Note that *all* folders that contain photos or videos are automatically listed in Gallery, regardless of the files’ sources or whether they’re in device memory or on an add-in memory card.)



Panel icon

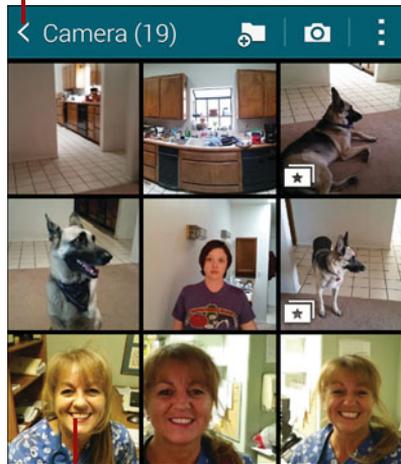


- 4 Thumbnails of the photos or videos contained in the folder appear. Tap a thumbnail to view its photo.

Pop-Out Folder List

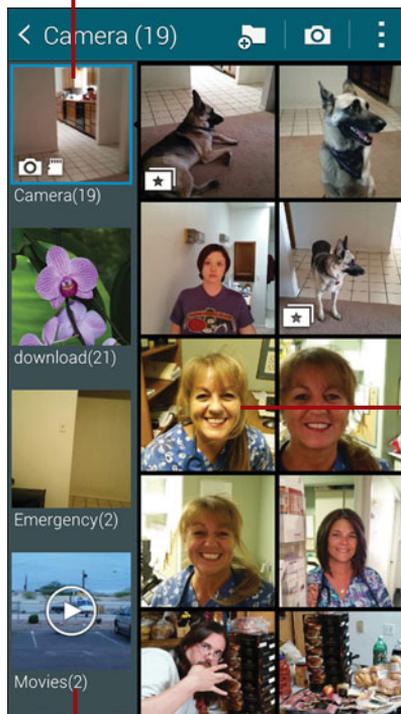
To enable you to quickly change folders without having to tap the Back icon or press the Back key, a pop-out scrolling list of image folders can optionally be displayed on the left side of the screen. Swipe in from the left edge to reveal the folder list; swipe back to the left to dismiss it.

Back



4

Selected folder



4

Pop-out
folder list

- 5 You can view photos in portrait or landscape mode by rotating the phone. (Note that you must have Settings, Display, Screen Rotation enabled.)



6 You can change the magnification by doing any of the following:

- Double-tap the image to double the current magnification. Repeat to shrink it to its previous size.
- Touch the screen and pinch your fingers together (zoom out) or spread them apart (zoom in).



- 7 To share the current photo via Email, Messaging, Facebook, or another means, tap the Share Via icon and choose a sharing method from the scrolling palette. Options vary according to your installed apps, registered accounts, and carrier, but typically include the following:
- *Add to Dropbox, Drive.* Upload the photo to one of your cloud accounts.
 - *Bluetooth.* To transmit the photo to a Bluetooth-paired device (such as an iMac or a Bluetooth-equipped laptop), tap the Bluetooth icon and then tap the destination in the list of paired devices.
 - *Email, Gmail.* Send the image file as an email attachment using one of your email accounts or Gmail.
 - *Flipboard.* Post the photo as a status update to your Facebook, Twitter, or similar account using the Flipboard app.
 - *Google+, Twitter, Facebook.* Post the photo as a status update to your account.
 - *Memo.* Create a new memo that includes the photo.



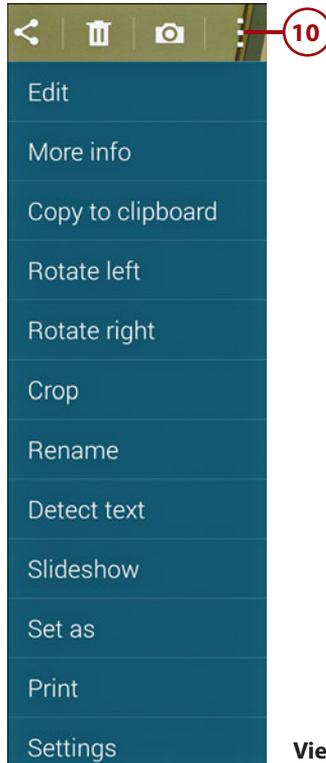
- *Messages, Messaging+, Hangouts.* Transmit the photo as part of a multimedia message.
- *Picasa.* Upload the photo to Picasa Web Albums (associated with your Google account). To view the uploaded photo, visit <https://picasaweb.google.com>.
- *Wi-Fi Direct.* Send the photo to another cell phone within range of yours that supports Wi-Fi Direct.

8 To delete the photo, tap the Delete icon. Tap OK in the confirmation dialog box.

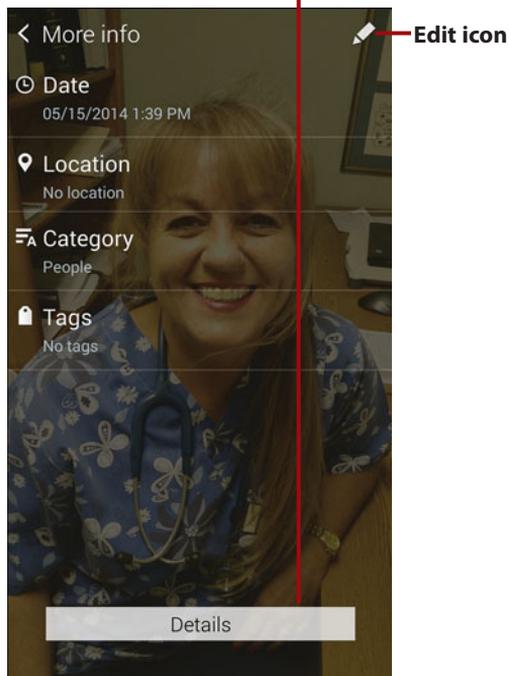
9 To launch the Camera app to shoot a photo or video, tap the Camera icon.

10 Tap the menu icon to see the following additional options:

- *Edit.* Open the image for editing in Photo Studio, an image editor that's integrated with Gallery. See "Image-Editing with Photo Studio," later in this chapter, for instructions.
- *More Info.* Tap the Edit icon to change or set categories and tags. Tap Details to view the image's title, dimensions, file size, storage location, and other properties.

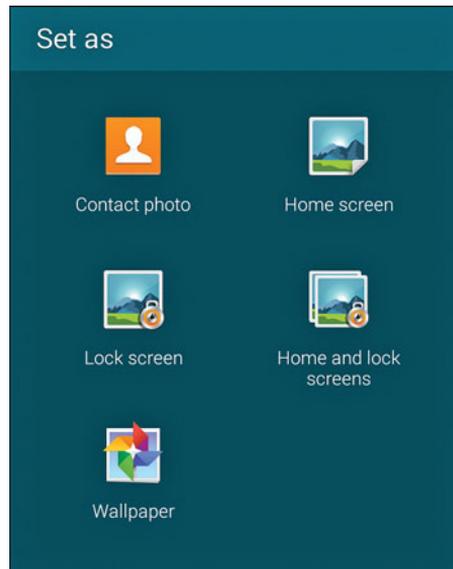


View image details

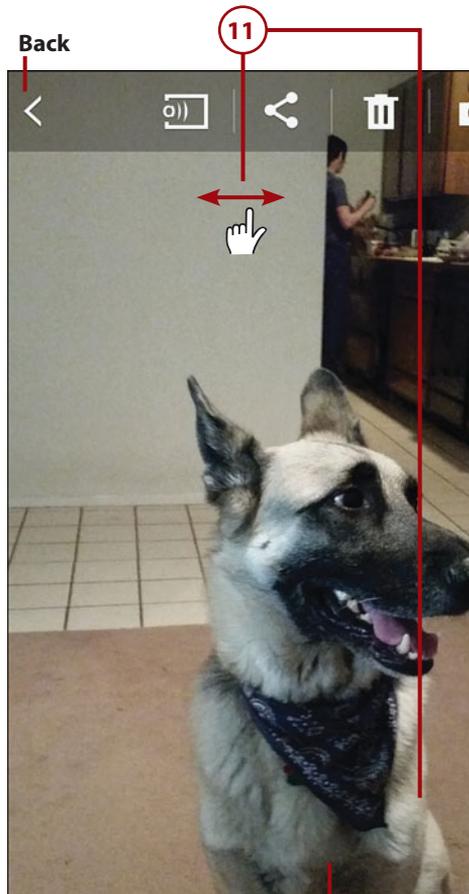


- *Copy to Clipboard.* Copy the image so you can paste it elsewhere—into an email message, for instance.
- *Rotate Left, Rotate Right.* Rotate the image 90° in the specified direction.
- *Crop.* By dragging the selection rectangle and its handles, specify the portion of the image that you want to retain and tap Done. The cropped image is saved *in addition* to the original image—not as a replacement for it.
- *Rename.* Change the default name assigned to the photo to something meaningful. In the Rename dialog box, enter a new filename and tap OK.
- *Detect Text.* If the photo contains a clear shot of some text, this command attempts to extract the text. Although there's no option to save the text, you can use various sharing methods (such as Email or Gmail) to send the text to yourself or others.
- *Slideshow.* Generate a slideshow from all images in the current folder, selected folders, or selected images. See “Running a Slideshow,” later in this chapter, for instructions.
- *Set As.* Use the photo as a person's Contacts image, the Home screen wallpaper, the Lock screen wallpaper, or both types of wallpaper.
- *Print.* Print the photo on a compatible wireless printer.
- *Settings.* Open Google/Gmail Settings in which you can enable/disable tagging in your photos and select Filter options.

Crop selection



- 11** To view additional images, do one of the following:
- *Images in the current folder.* Swipe the screen to the left or right. As an alternative, you can tap the thumbnail of the specific image that you want to view. (If the thumbnails aren't visible, tap the current image once to reveal them.)
 - *Images in a different folder.* Press the Back key or tap the Back icon repeatedly until the main screen appears, and then go to Step 3.



Selected thumbnail

>>>Go Further

CHOOSING A GALLERY VIEW

Time and Album are the main Gallery views. Choose Time to arrange images by date. Album organizes images by folder, based on the images' source or use. For instance, Camera contains photos taken with the phone, Download holds images that you've transferred to the phone, and Studio has photos that you've edited with Studio. The number in parentheses shows the number of files in the folder.

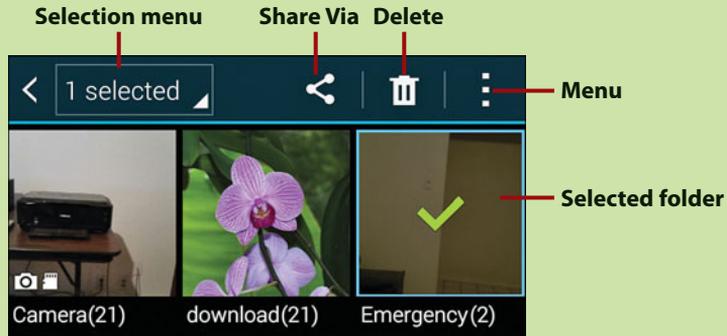
Finally, you can choose a Filter By option to restrict images to those of a type, such as pets or people. Note, however, that image classification is based on assigned *categories*. Although I have dozens of dog photos on my Galaxy S5, only a small number—those downloaded from my Picasa and Facebook accounts—appear when filtering by Pets. To assign categories to a selected photo, tap the menu icon and choose More Info, tap the Edit icon, tap the + (plus) icon to the right of Category, select one or more categories and tap OK, and then tap Done.

>>>Go Further

FOLDER AND IMAGE SELECTION

In addition to operating on one folder or photo at a time, you can apply some commands to multiple selected folders or images.

- *Folder-selection screen (Album view)*. You can delete an entire folder or transmit all of its files with a single command. Firmly press the folder and release; a green check mark appears on the folder to show it's selected. Then tap the Share Via or Delete icon. If you want to transmit or delete multiple folders, tap to select the additional folders before tapping a command icon. (To simultaneously select all folders, tap the Selection menu and choose Select All.) The Share Via or Delete command is performed on all selected folders. You can also tap the menu icon and choose Slideshow to create a slideshow based on only images in the selected folder(s)—or choose Studio, Collage Studio to create a collage from the photos.



Folder-selection screen (Album view)

- *Image-selection screen.* Similarly, after opening a folder (or with Time view selected), you can select one or more files on which to perform a command. Firmly press and release an image thumbnail to select it; a green check mark appears on the image to show it's selected. To select additional images, tap their thumbnails or choose Select All from the Selection menu. Then tap the Share Via or Delete icon.

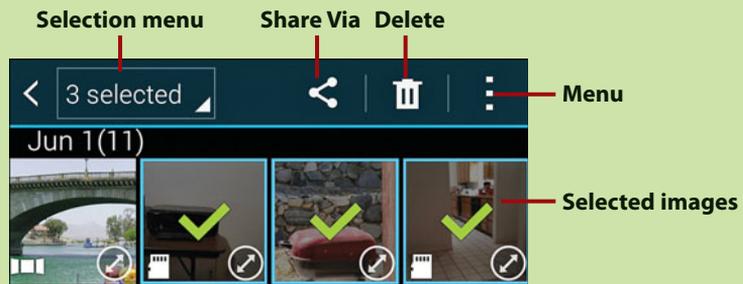


Image-selection screen (Time view)

Different Options for Different Image Sources

Not all actions can be performed on every folder. For example, Picasa and Facebook images can be shared, downloaded, or used to generate slideshows, but you can't delete them.

Image-Editing with Photo Studio

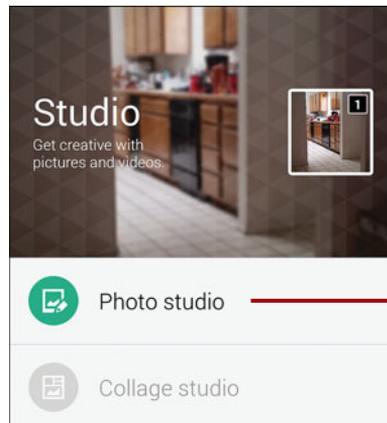
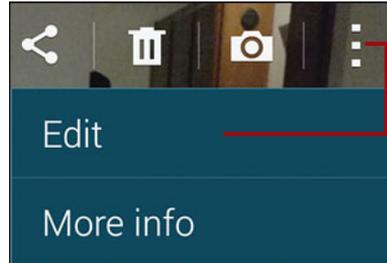
If you don't need the feature set of a dedicated Mac or PC image-editing program, you can use Photo Studio (a Samsung tool that's integrated with Gallery) to perform essential edits on any image stored on your phone. Note the following important tidbits while using Photo Studio:

- You can reverse the most recent edit by tapping Undo or tap Undo repeatedly to step backward through multiple edits. To reverse an Undo, tap Redo.
- If you tap Cancel while applying an edit, changes made with the current editing tool are removed.
- You complete most edits by tapping Done. Before you tap Done, you can compare the edit's effect to the image prior to the edit by pressing and holding anywhere onscreen.
- If you tap Discard (X), *all* edits are discarded.

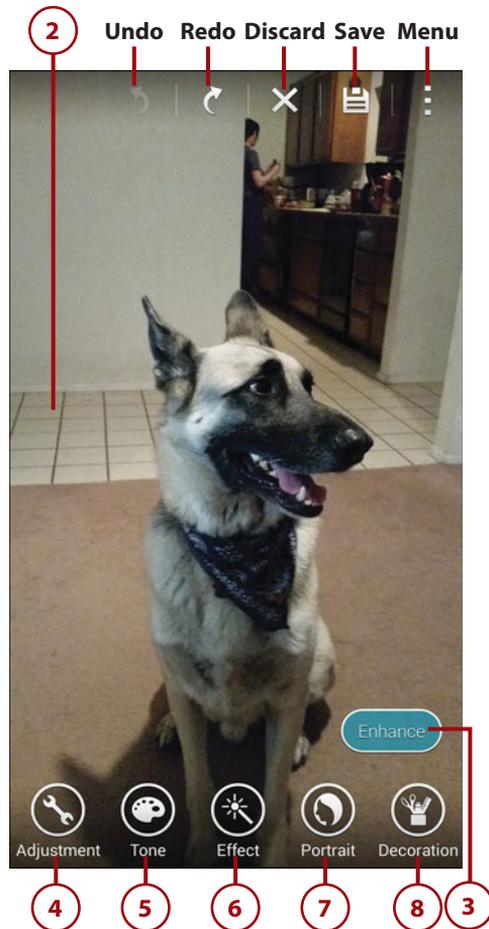
- 1** From within Gallery, do one of the following to open an image for editing:
- Edit the photo you're currently viewing by opening the menu and choosing Edit.
 - Edit a photo that you've selected on an image-selection screen by opening the menu and choosing Studio, followed by Photo Studio.

Make a Photo Collage

If you select *multiple* images and then choose the Studio command, you can select Collage Studio to create a collage from the photos.

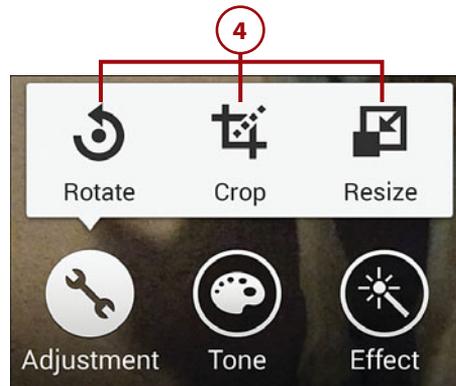


- 2 Tool icons are displayed above and below the photo and are explained in the following steps. If the tools aren't visible, tap anywhere onscreen to reveal them.
- 3 *Enhance*. Enhance is similar to Photoshop's Auto Levels command, automatically adjusting tonal values in the photo. In some instances, tapping the Enhance button will be the only adjustment you'll need to make.

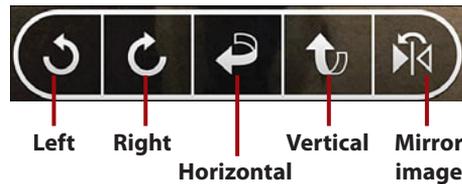


4 *Adjustment.* Tap the Adjustment button to open the adjustment palette, enabling you to rotate, crop, or resize the image.

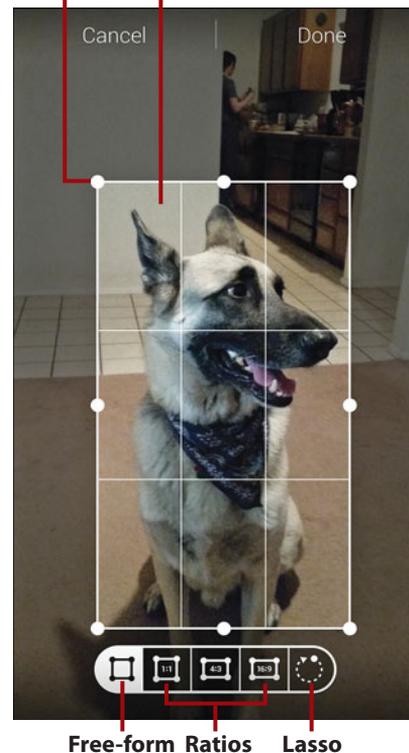
- Tap Rotate to rotate or flip the image. From left to right, the Rotate buttons enable you to rotate the image left or right in 90° increments, flip the image horizontally (left-to-right) or vertically (top-to-bottom), or split the image vertically to create a mirror image effect.
- Use a Crop tool to retain only a selected portion of the image, while discarding the rest. Tap the Free-form button if you don't want any restrictions on the cropping dimensions. To constrain the dimensions to a ratio, tap the 1:1, 4:3, or 16:9 button. To set the cropping area, drag the rectangle's edge and corner handles to change the size of the selection, and drag the center of the rectangle to reposition it. To create an irregular selection, select Lasso and use your fingertip to trace around the area you want to crop. In all cases, the bright area of the image will be retained; the dark areas will be discarded.



Rotate commands



Handle Selection



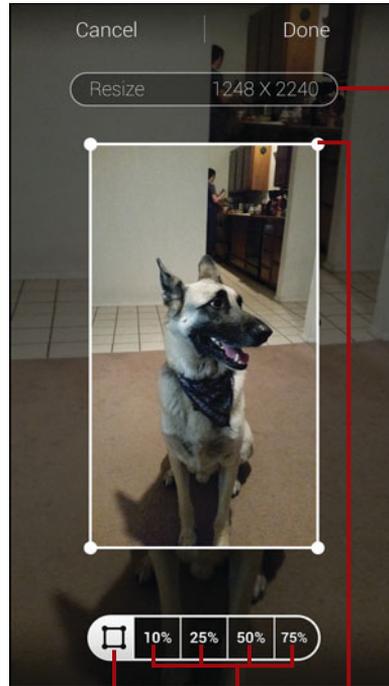
- Tap **Resize** to reduce the image size. You can tap a percentage button or resize manually by dragging a corner handle. The resulting size (in pixels) is shown above the image.

Size and Quality

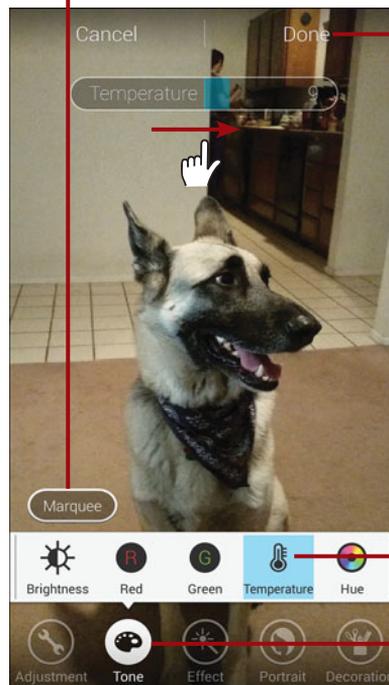
Enlarging a photo results in some loss of resolution (clarity). However, the resolution loss correlates to a smaller file, which makes it easier to email.

5 *Tone.* Tap the **Tone** button to adjust the contrast, brightness, saturation, temperature, and color attributes of the image. You can apply tone adjustments to the entire image or to a selected area. After selecting a **Tone** option in the scrolling list, do one of the following:

- To apply the **Tone** option to the entire image, drag your finger horizontally across the screen to increase or decrease the setting value.
- To apply a **Tone** option to a selection, tap the **Marquee** button, select a **Marquee** tool (Free-form, Rectangle, or Oval), use your fingertip to select the area that you want to affect, and tap **Done**. Then drag your finger horizontally across the screen to increase or decrease the setting value.



Drag to resize **Percentage** **Handle** **Reduced**
Marquee **reduction** **size**



5

Before and After

To determine the impact of the new setting, press and hold anywhere onscreen to see the Before image. Release to see what it will look like if you tap Done.

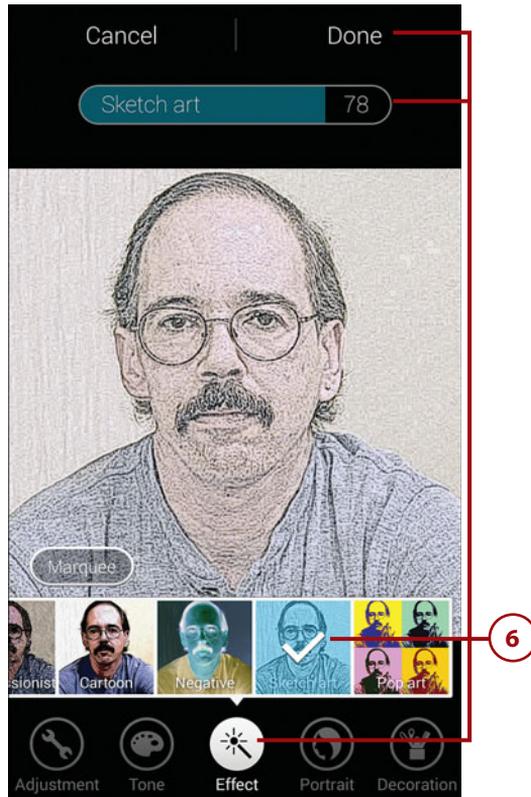
Making Multiple Adjustments

If you want to make several tone adjustments, you must tap Done after each one. Otherwise, only the last adjustment is applied to the image. (Tapping a different icon is treated the same as if you tapped Cancel.)

- 6** *Effect.* Tap the Effect button and select a special effect to apply from the scrolling list. To change the intensity of the effect, drag your finger horizontally across the screen. To compare the image with and without the effect, press and hold anywhere onscreen. Note that effects aren't cumulative; each one you apply replaces the current effect.

Selectively Applying an Effect

Like applying tone adjustments, effects can optionally be restricted to a selected area. Select any effect, tap the Marquee button that appears, use a Marquee tool to select the desired area, and tap Done. Then select the effect that you want to apply and, if you're satisfied, tap Done.



- 7 *Portrait.* Tap the Portrait button to apply facial corrections (ideally to a head shot). To use the Remove Red-Eye tool, tap each eye that you want Studio to automatically correct. Out-of-Focus enables you to blur the background, making the person stand out. You can set the intensity of the active tool by dragging your finger horizontally across the screen.

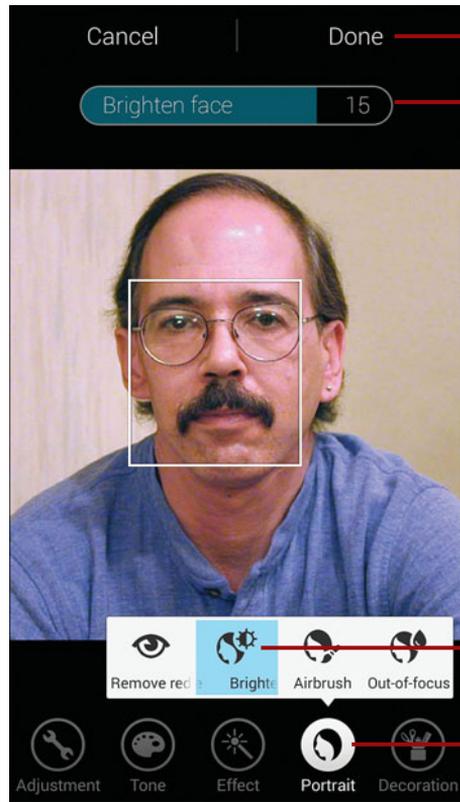
No Zooming Allowed

You can't change the magnification when applying facial corrections. If you intend to crop the photo, do so *before* using the Portrait tools.

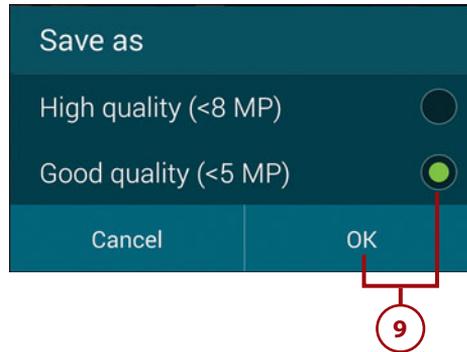
- 8 *Decoration.* Select options from the Decoration button to apply decorative embellishments to a photo—adding a sticker, text label, frame, or freehand drawing. Note that many of these items can be resized, moved, and rotated.

Drawing with the Pen and Eraser

Use the Pen and Eraser tools together to do freehand drawing or write on the image. If you want to correct part of the Pen's drawing, you can remove it using the Eraser.



- 9 When you finish editing, you can save your work. Tap Save, select a quality setting in the Save As dialog, and tap OK. The image is saved to a separate file in the Studio folder—not to the original file, which remains unaltered. The edited file is named with today's date and time. To rename the image, open it in Gallery, tap the menu icon, and choose Rename.

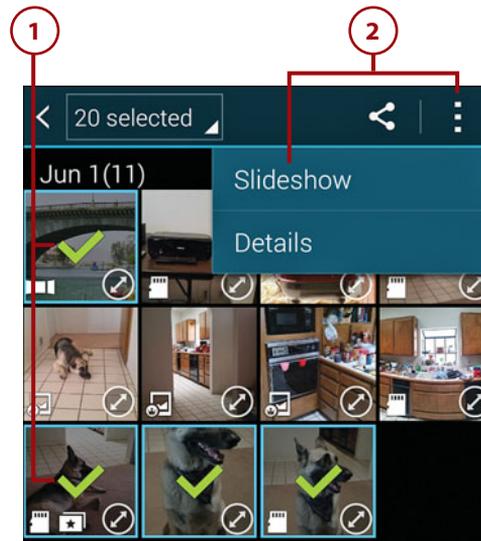


Running a Slideshow

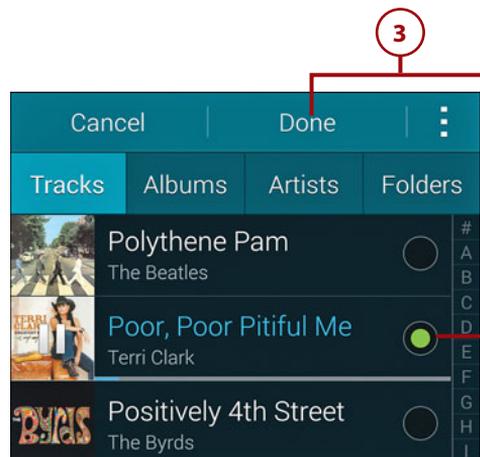
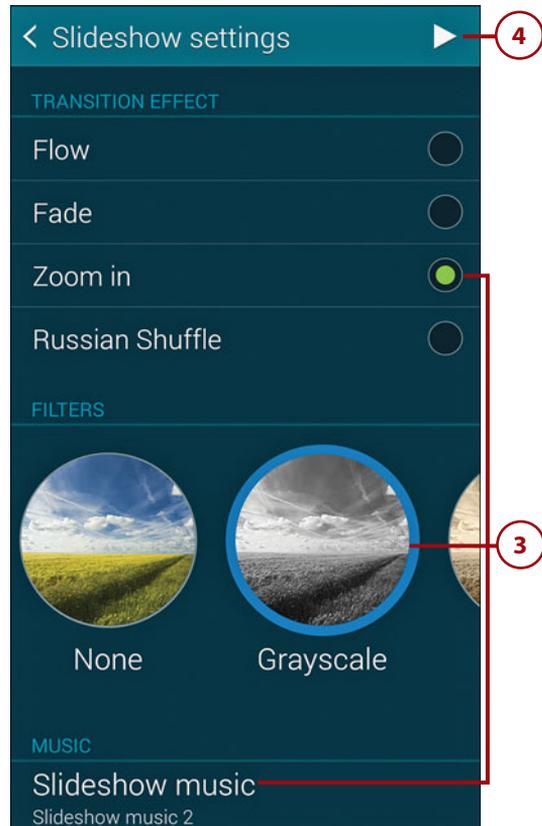
You can create a slideshow with transition effects and music using all or selected images from one or multiple folders. The show plays in portrait or landscape mode, depending on the phone's orientation.

- 1 In Gallery, select the folder(s) or images that you want to include in the show. (If you're reviewing a photo that you just took with Camera and request a slideshow, the Camera folder is automatically used as the basis for the show.) You can use any of the following file and folder selection techniques:

- On the main screen (in any view), select nothing to include all stored photos in the show, or select one or more folders in Album view to include all of their photos.
- If a folder is open, make no selection to use all of its photos or select the particular photos that you want to use.



- 2 Tap the menu icon and choose Slideshow.
- 3 Set options for the show in the dialog that appears:
 - Select a transition effect to use when transitioning between slides.
 - Select a filter to apply to each slide.
 - Select a music track to accompany the show. To change the current track, tap its name. To run the show without music, set the track selection to None. Select a song in the Slideshow Music dialog box or—to use a track other than the listed ones—tap Add Music, select a song, and tap Done.
- 4 Tap the Start button to begin the show. To end the show, tap the screen or press the Back key.



Posting a Picture on Facebook

One major change in society in the last decade has been the ability to post pictures and videos in public photo-sharing websites, such as Facebook, Pinterest, and YouTube. Many grandparents get the first look at a grandchild when parents post a picture on Facebook. Many retailers post pictures of their products on Pinterest in order to create consumer demand. And many musical artists post videos with music on YouTube as the launch mechanism for their new releases.

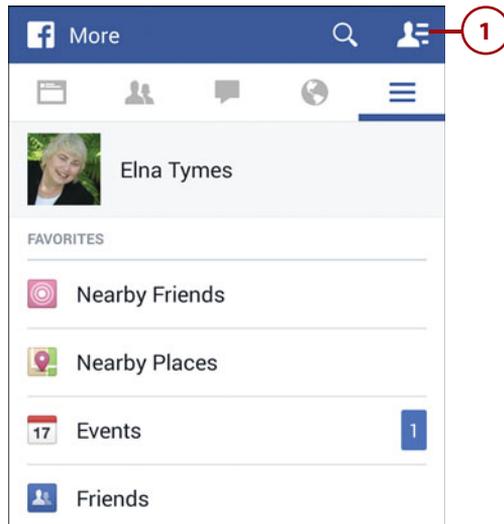
For More Information

If you want a comprehensive look at posting pictures on Facebook, I recommend *My Facebook for Seniors* by Michael Miller (Que Publishing). This section only briefly covers the viewing and posting options.

View Pictures on Facebook

Pictures posted by friends automatically appear in your News Feed when you're logged into Facebook. You can also see pictures and albums posted by specific friends.

- 1 Open the Facebook app and tap the Favorites icon (the three horizontal bars) in the upper-right corner of the screen. Then tap Friends.



- 2 Scroll through the list; tap the name of a friend, and scroll down to find a picture.

Photo Albums

Some of your friends who particularly like photography might have created albums. To see the albums and scroll through them, find your friend's "wall," and tap the box labeled Photos. At the bottom of the page, tap Albums and then tap the name of the album you'd like to see so you can scroll through the pictures. To see a full-size picture, tap it.



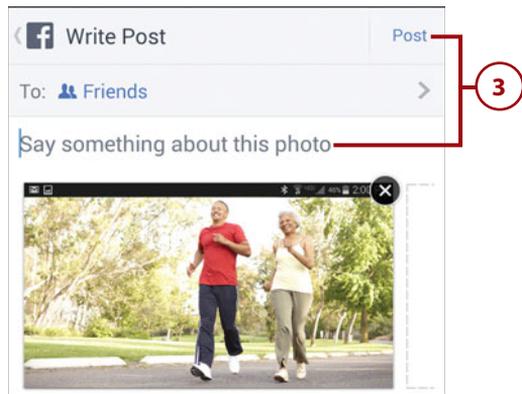
Post Pictures to Facebook

Any photo that is currently in your Gallery is something that can be posted to Facebook.

- 1 To share one of your pictures on the Facebook News Feed page, tap the Photo icon at the bottom of the page.



- 2 Scroll through the pictures in the Gallery and select one or more to post. Selected photos are enclosed in a blue box. Tap the Use button on the top right.
- 3 Write a caption and tap Post.
- 4 Your photo appears on your News Feed.



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