

Photos - Your photo and video viewer

View photos and videos

- Taken with your camera
- Saved from an email, text or webpage
- From all your iCloud connected devices via Photo Stream
- Stored in iCloud (iCloud Photo Library)
- Shared by others (iCloud Photo Sharing)
- Synced from your computer via iTunes

The photos app includes tabs for Photos, Shared and Albums

- Photos tab views all your still, live and videos
 - Organized by Years, Collections and Moments
- Shared tab views photos you have shared or others have shared with you
 - Uses the iCloud
 - Does not count against your iCloud totals
- Albums tab - see your photos and videos organized in albums
 - Albums created for you
 - Albums created by you

Albums created for you

- Camera Roll
 - Camera Roll and Photostream merge to All Photos if you are using iCloud Photo Library
- Photo Stream - a temporary album, must be enabled in settings >> iCloud
- Favorites - any picture that you have tapped the  icon
- Selfies - pictures taken with the 'Facetime' camera
- Panoramas
- Videos
- Slo-mo
- Time-lapse
- Bursts
- Screenshots - hold down the power button and press 'home' for screenshot
- Hidden - you can 'hide' photos in the Photos tab
- Recently Deleted - they stay in this folder for 30-40 days

Albums created by you

- Create an album
 - Tap Albums
 - Tap ⊕
 - Enter a name
 - Select the photos and videos to add to the album
 - Tap Done
- Add to an existing album
 - While viewing thumbnails, tap Select
 - Select items
 - Tap Add To
 - Select an existing album
- Manage albums
 - Tap albums
 - Tap Edit
 - Select the album and rename -or-
 - Delete the album - the album is deleted, but the pictures are not.
 - Rearrange the albums - Drag the horizontal bar icon 

The Photos tab

- Automatically organized using date and geography (if geography available)
 - Turn location services on for your camera to enable geo-tagging
 - No geo-tagging on:
 - photos copied from web
 - screenshots
 - photos imported from digital cameras
 - You can add location to pictures using Photos on the Mac
- Moments
 - Usually pictures from a single day
 - May be two moments in a day if the geography is different
 - An example is Sept 27
- Collections
 - Grouped by several days and wider geography
- Collections and Years can be browsed by touching for a moment and dragging
- While viewing a photo, swipe the thumbnails at the bottom to browse
- Moments, Collections and Years
 - Tap the Geographical description to see the photos on a map

Shared tab - iCloud Photo Sharing

- Must be enabled in settings >> iCloud >> Photos >> iCloud Photo Sharing
- Activity album is automatically created
- Create albums of photos and videos to share
- Subscribe to other peoples shared albums
- Comment on pictures.
- Add photos to albums you subscribe to
- Publish your album as a website for non-apple folks
- Does not count against your iCloud storage

Create a new shared album

- Tap Shared tab
- Tap the plus sign (+)
- Name the album
- Select people to share with
- Tap Create
- Tap the new album
- Tap the (+) sign
- Select your pictures

Add to an existing shared album

- Select pictures from the Photos or Albums tabs
- Tap the Share icon 
- Select iCloud Photo Sharing
- Select the correct album (defaults to the last used album)
- You could also create a new album now

Other ways to share photos and videos

- Select pictures from the Photos or Albums tabs
- Tap the Share icon 
- Message, e-mail, Notes, Facebook, Airdrop
- Slideshow, copy, print and hide

Select photos

- Drag for a range, tap to add or delete from range, drag another range

Edit Photos

- View a photo full screen
- Tap Edit
- Select a tool
- Auto-enhance magic wand (very light edit of exposure, and saturation)
- Remove red eye tool if picture has a face in it
- Crop and rotate tool (suggests optimal crop and straighten)
 - Drag handles for crop, slide wheel for straighten
 - Tap rotate box for 90 degree turn
 - Tap aspect box for specific aspect ratio
- Filters tool allow you to change the character of the photo
- Adjustment tool
 - Light
 - Use slider or tap 3 horizontal bars for detailed light adjustment
 - Color
 - Use slider or tap 3 horizontal bars for detailed color adjustment
 - Black & White
 - Use slider or tap 3 horizontal bars for detailed B&W adjustment
- Touch and hold photo to see original, release to see your edits
- Tap Done to save your edits
- Tap Cancel to discard your edits
- Revert to original
 - Tap to open an edited photo
 - Tap the red 'Revert' option

Use Siri to see your photos

- Show me pictures of Randy
- Show me pictures from September 2nd
- Show me photos of New Mexico
- Show me photos from my Instagram Album
- You can add keywords in Photos on Mac and have Siri search for them

Manually search your photos

- Tap Photos or Albums tab
- Tap magnifying glass icon
- Enter your search term

Camera

At a glance:

Quick Access

- Swipe up from bottom of lock screen (no need to enter passcode)
- Swipe up the control center from the bottom of the screen anytime

Flash

- Auto - when needed
- On - always flash
- Off - never flash

HDR- High Dynamic Range

- Helps get good shots in high contrast situations
- Auto - when needed
- On - always on
- Off - never use HDR-

Live Photo

- Adds motion and sound to your picture
- Captures 1.5 seconds before and after shutter press for a mini-video
- iPhone 6s and 6sPlus only

Timer

- Off
- 3 seconds (and a burst of 10 pics - unless flash is on)
- 10 seconds (and a burst of 10 pics - unless flash is on)

Camera Switcher

- iSight or FaceTime camera
- Defaults to iSight camera

Focus and Exposure is set automatically

- Based on whatever is in the center of the screen
- Tap the screen to change the Focus and Exposure
- Tap and hold the screen to lock the Focus and Exposure
 - Tap the screen again to unlock
- Slide the sunburst icon up and down to adjust the exposure
- Face detection balances the exposure across up to 10 faces

Choose a mode

- Defaults to PHOTO
 - Spread with two fingers to activate zoom
 - Hold down the shutter button to take a burst
 - Tap the filter icon to apply different color effects
 - Use camera switcher to take a selfie
 - Use retina flash for selfies on iPhone 6s and 6s+
- Slide screen to change modes
- Take a PANORAMA
 - choose pano
 - tap shutter
 - slowly pan in direction of arrow
 - stop picture by tapping the shutter button
- Shoot some VIDEO
 - Zoom, focus, switcher all work like PHOTO
 - Try Slo-mo and Time-Lapse if your phone supports it