

# iOS 16

## RELEASE DATE

iOS 16 was unveiled during Apple's WWDC (Worldwide Developers Conference) in June 2022 with major new features, including a completely redesigned lock screen, the ability to unsend and edit messages in iMessages, and much more.

iOS 16 was in a testing phase over the summer, and the new iPhone 14 will ship with the new iOS version pre-installed on September 7.

## 5 HIDDEN iOS 16 FEATURES

1. Pair Nintendo Switch™ Joy-Cons with your iPhone
2. Hidden and Recently Deleted albums are now password protected
3. View and share saved Wi-Fi passwords
4. Find and remove any duplicate photos and videos
5. Pin your favorite tabs in Safari

## CURRENT COMPATIBLE DEVICES

- iPhone 8 and newer generations
- iPhone SE (second generation and later)
- iPad Mini (fifth generation and later)
- iPad (fifth generation and later)
- iPad Air (third generation and later)
- iPad Pro (all models)

## Previewed Features

### Edit & Unsend Messages

- Recall messages
- Edit messages
- Mark messages & threads as unread

### Customizable Lock Screen

- Press & hold to edit lock screen
- Customize fonts for time and date
- Add widgets

### Notifications & Live Activities

- Notifications to the bottom of your display

### Wallet & Apple Pay Later

- id cards for more states will be available protecting identity and age (will only display if over 21)

### Visual Lookup Tap & Drag

- Tap-and-hold tool that removes a photo's background

### SharePlay Comes To Messages

- Share a movie with SharePlay via messages while chatting friends

### Skip CAPTCHA

- Skip captchas using private access tokens

### Transit Fare Cards To Apple Maps

- Add up to 15 stops
- See transit fare estimates
- Add money to fare card from within Apple Maps

### iCloud Family Checklist

- Quick start to add new device
- Set up separate users on the same device

### Safety Check

- Helpful for people in abusive relationships
- Review and reset who has access to location information

# CUSTOMIZABLE LOCK SCREEN

## LOCK SCREEN GALLERY

For inspiration on how to make the Lock Screen your own, browse a gallery of many options, each with a unique backdrop, stylized view of the date and time, and information that can be seen at a glance.

## LOCK SCREEN EDITING

It's now easy to customize the font, color or placement of elements on Lock Screen by tapping the element.

## MULTILAYERED PHOTO EFFECT

Photo subjects are dynamically displayed in front of the time to make the subject of the photo pop.

## PHOTO SHUFFLE

See a set of photos shuffle automatically on Lock Screen. Set the cadence for how often Lock Screen updates with a new photo, or let iOS surprise and delight throughout the day.

## WIDGETS ON THE LOCK SCREEN

Choose to display a set of widgets as part of Lock Screen to glance at information like the weather, time, date, battery levels, upcoming calendar events, alarms, time zones, and Activity ring progress.

## LOCK SCREEN SWITCHING

You can switch Lock Screen throughout the day by touching and holding, then swiping.

## STYLIZED DATE AND TIME

Expressive font styles and color choices allow you to customize the look of the date and time on Lock Screen.

## SUGGESTED PHOTOS

iOS 16 intelligently suggests photos from your library that look great on the Lock Screen.

## PHOTO STYLES

Apply styles to photos on the Lock Screen that automatically change the color filter, tinting and font style to complement each other.

## WIDGETKIT API

Glance at widgets from favorite third-party apps. View widgets in a textual, circular, or rectangular format near the time to get information like weather conditions or progress on your goals.

## LIVE ACTIVITIES

Helps stay on top of things that are happening in real time, right from Lock Screen.

Follow an ongoing sports game or track the progress of ride or order with just a glance. Glance at Live Activities from favorite third-party apps with the new developer API.

# CUSTOMIZABLE LOCK SCREEN

## LOCK SCREENS MADE FOR FOCUS

iOS 16 suggests a relevant set of Lock Screens for provided Focus options, such as a data-rich Lock Screen while you're using the Work Focus or a photo Lock Screen while using the Personal Focus.

## WEATHER

Glance at live conditions on Lock Screen as the weather changes throughout the day.

## EMOJIS

Create patterned Lock Screens based on your favorite emoji.

## NEW DESIGN FOR NOW PLAYING

With Live Activities, you can expand Now Playing controls to a full-screen view that celebrates album art while you listen along.

## NOTIFICATION ANIMATIONS

Notifications, including the notification summary, now roll in from the bottom of Lock Screen, making them easy to see at a glance as they come in.

## APPLE COLLECTIONS

Choose from a set of dynamic, classic, and landscape Lock Screens created especially for iOS 16. These include Lock Screens to celebrate special cultural moments, like Pride and Unity.

## ASTRONOMY

See the Earth, Moon, or solar system with a set of dynamic astronomy-themed Lock Screens that update with live conditions.

## COLORS

Choose a color gradient for Lock Screen using favorite color combinations.

## NEW NOTIFICATION DESIGN

The use of bold text and images makes notifications visually pop.

## NOTIFICATION VIEW ON LOCK SCREEN

Choose to view notifications on the Lock Screen in an expanded list view, stacked view, or count view. Pinch to change the layout in context.

# iCLOUD FAMILY UPDATES

## SHARE A PHOTO LIBRARY WITH FAMILY

Share a separate iCloud photo library with up to five other people.

## COLLABORATE ON THE COLLECTION

Everyone can have equal permissions to add, edit, favorite, caption and delete.

## RELIVE MORE COMPLETE MEMORIES

Enjoy shared photos in Memories, Featured Photos, and the Photos widget.

## SMART SETUP RULES

Share all past photos, or use setup tools to contribute specific photos based on start date or people.

## SMART SHARING SUGGESTIONS

Contribute photos manually, or use smart features to make sharing seamless, like a switch in Camera, automatic sharing using Bluetooth proximity, and sharing suggestions in For You.

# LIVE TEXT UPDATES

## LIVE TEXT IN VIDEOS

Text is now completely interactive in paused video frames, so you can use functions like copy and paste, lookup, and translate. Live Text works in Photos, Quick Look, Safari, and more.

## NEW LANGUAGES FOR LIVE TEXT

Live Text adds recognition of Japanese, Korean and Ukrainian text.

## QUICK ACTIONS

Data detected in photos and videos is now actionable with a single tap. Track flights or shipments, translate foreign languages, convert currencies, and more.

## FOCUS UPDATES

### LOCK SCREEN LINKING

Transform how iPhone looks and functions at the same time by connecting Lock Screen to Focus. To activate a Focus, swipe to the corresponding Lock Screen.

### HOME SCREEN PAGE SUGGESTIONS

iOS suggests Home Screen pages with apps and widgets that are most relevant to the Focus you're setting up.

### FOCUS FILTER API

With the new Focus filter API, developers can utilize the signals used to enable Focus to hide distracting content.

### ALLOW AND SILENCE LIST

When you're setting up a Focus, select apps and people you want to receive notifications from by either allowing them or silencing them.

### LOCK SCREEN SUGGESTIONS

iOS suggests a relevant set of Lock Screens for provided Focus options, such as a data-rich Lock Screen while using the Work Focus or a photo Lock Screen while using the Personal Focus.

### FOCUS FILTERS

Set boundaries within Apple apps like Calendar, Mail, Messages, and Safari to draw boundaries for each Focus enabled. For example, choose a set of Tab Groups to show up in Safari while in the Work Focus, or hide work calendar when using the Personal Focus.

### FOCUS SCHEDULES

Turn on a Focus automatically at a set time or location or while using a certain app.

### EASIER SETUP

Get started with Focus with a personalized setup experience for each option.

# MESSAGES UPDATES

## EDIT A MESSAGE

You can now edit a message for up to 15 minutes after sending it. Recipients will be able to see a record of edits made to the message.

## MARK AS UNREAD

Mark messages as unread when you don't have time to respond but want to be sure to reply to the sender later.

## SHAREPLAY VIA MESSAGES

Share synchronized activities like movies, music, workouts, games, and more with friends while chatting in Messages.

## COLLABORATION INVITATIONS

Send an invitation to collaborate on a project in Messages, and everyone on the thread will automatically be added to the document, spreadsheet, or project. This feature is compatible with Files, Keynote, Numbers, Pages, Notes, Reminders, and Safari, as well as third-party apps.

## COLLABORATION UPDATES

When someone makes an edit, you'll see activity updates at the top of the Messages thread. Tap the updates to get back to the shared project.

## UNDO SEND

Unsend any message for up to two minutes after sending it.

## RECOVER RECENTLY DELETED MESSAGES

Expressive font styles and color choices allow you to customize the look of the date and time on Lock Screen.

## SHARED WITH YOU API

Developers can build a Shared with You section into their app, so when someone sends you a video or article that you don't have time to check out at the moment, it will be easy to find the next time you open the app.

## MESSAGES

## COLLABORATION API

Developers can integrate their app's collaboration experiences with Messages and FaceTime, making it easy to initiate and manage collaboration from the places where they are communicating with collaborators.

# MAIL UPDATES

## SMART SEARCH CORRECTIONS

Intelligent search improves results by correcting typos and using synonyms for search terms.

## MISSING RECIPIENTS & ATTACHMENTS

Get notified if you forget to include an important part of your message, like an attachment or a recipient.

## SCHEDULED SEND

Schedule email to be sent at the perfect moment.

## REMIND ME

Never forget about an email that you opened but didn't get back to. Select a date and time to have messages resurface in your inbox.

## RICH LINK

Add rich links that give your email messages more context and details at a glance.

## SMART SEARCH SUGGESTIONS

See a richer view of shared content and more from the moment you begin to search for email messages.

## UNDO SEND

Easily unsend an email message that you just sent before it reaches the recipient's inbox.

## FOLLOW-UP

Move sent email messages to the top of your inbox so you can quickly send a follow-up.

## BIMI SUPPORT

Easily identify authenticated email messages with BIMI (Brand Indicators for Message Identification) verified brand iconography.

# SAFARI UPDATES

## SHARED TAB GROUPS

Share a set of tabs with friends. Everyone can add their own tabs and see the Tab Group update instantly as you work together.

## PINNED TABS IN TAB GROUPS

iOS 16 adds the ability to customize Tab Groups with pinned tabs for each group.

## WEB PUSH NOTIFICATIONS

Support for opt-in notifications on iOS is coming in 2023.

## WEBSITE SETTINGS SYNC

Settings established for specific websites, like page zoom and automatic Reader view, will sync across devices.

## WEB PAGE IMAGE TRANSLATION

You get added support for translating text in images using Live Text.

## TAB GROUP START PAGES

Have dedicated start pages that you can customize with a background image and favorites.

## NEW WEB EXTENSION API

Web extension API enables developers to create more kinds of Safari web extensions.

## EXTENSIONS SYNCING

See available extensions from other devices listed in Safari preferences. Once installed, an extension will sync so it can be turned on once.

## NEW LANGUAGES

There's now added support for Turkish, Thai, Vietnamese, Polish, Indonesian and Dutch in Safari web page translation.

## ADDITIONAL WEB TECHNOLOGIES SUPPORT

Glance at widgets from favorite third-party apps. View widgets in a textual, circular, or rectangular format near the time to get information like weather conditions or progress on your goals.

## STRONG PASSWORD EDITING

Edit strong passwords suggested by Safari to adjust for site-specific requirements.