



PETER HIRSCH

Digital Photo/Video Storing, Editing and Searching on the Cloud

Google Photos



Google Photos Features



- Unlimited Storage “Forever”
- Intelligent Search for Photos
- Runs on Wide Verity of Platforms
 - Windows, iOS, Android,...
- Great User Interface
 - Fast Access/Scrolling
- View Photos
- Photo Assistant
 - Stories, Animations, Collage
- Auto Backup
 - Desktop, Phone
- Photo Editing
- Photo Sharing
- Free

Google Photos Unlimited Storage



Photos and Videos

- Photos Maximum Resolution of 16 Megapixels
- Videos Maximum Resolution 1080p
- Photos are compressed for Storage
 - Does not degrade image, even for zooming in
- No ads

Higher resolution Photos and Videos are reduced to the above sizes

One can use other Cloud Devices for Higher Resolution Photos and Videos



Google Servers for E-Mail and Photos

Google Photos Intelligent Search



By Persons

- Automatic Facial Recognition

People

More

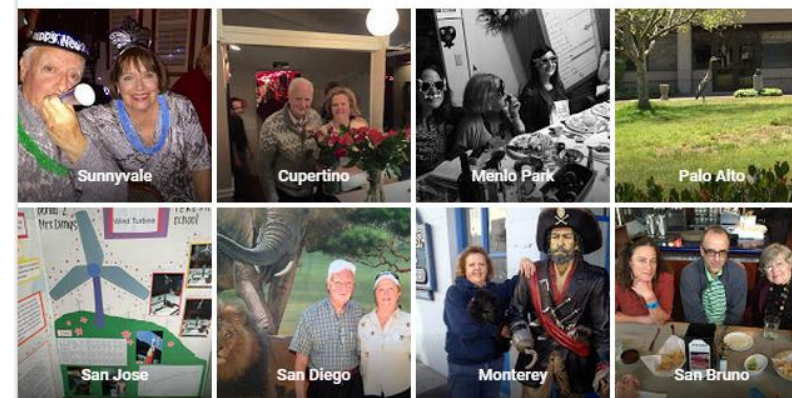


By Places

- By Location encoded by camera
- By Famous Landmarks

Places

More

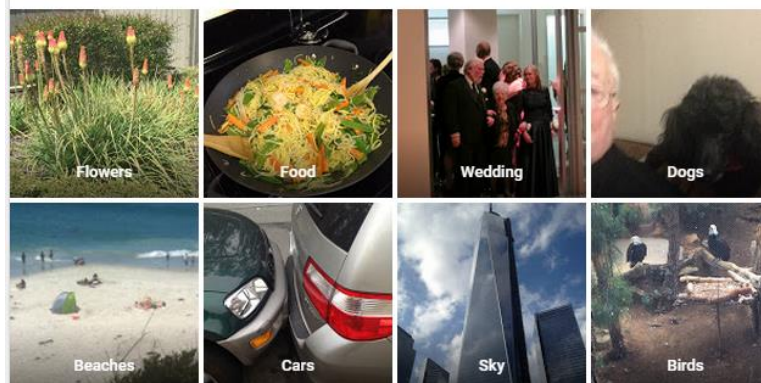


By Things

- Automatic recognition

Things

More



By Text Strings

Google Photos



Runs on Wide Variety of Platforms

Microsoft Windows or Apple Macintosh

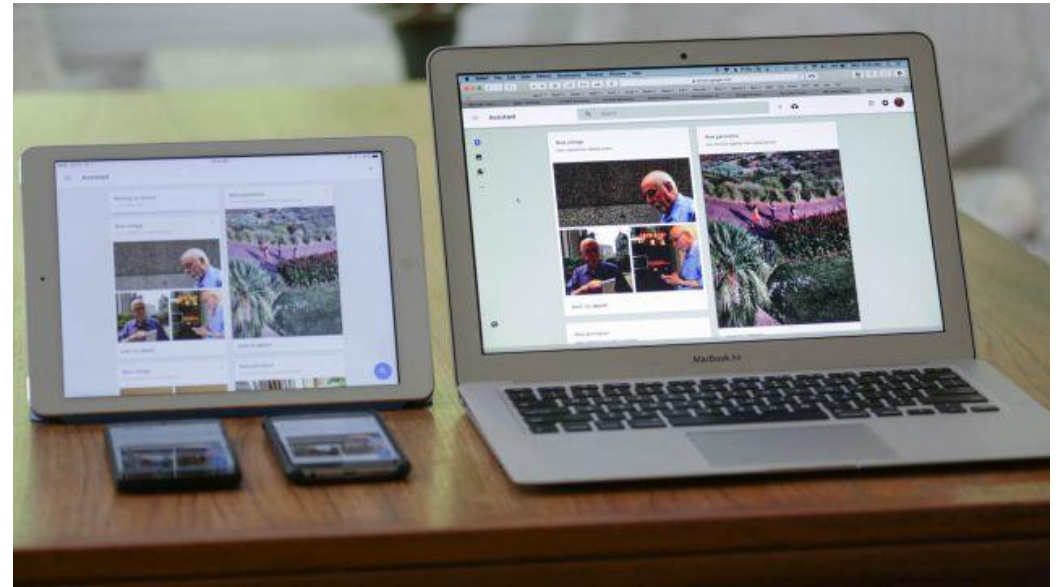
- <https://photos.google.com/>

Apple iOS

- Google Photo App

Google Android OS

- Photos App



Google Photos View Photos



By Date

By Month

By Folder /Collections

Yesterday



May 29



May 23

May 18

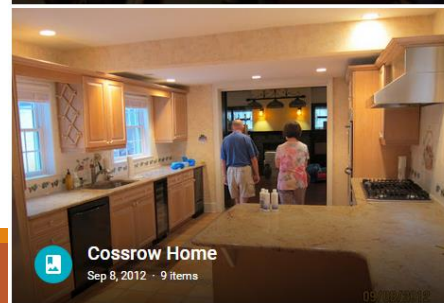
May 11

Collections ▾

Search

+

⋮



Google Photos Photo Assistant



Stories

Videos

Animations

Collage

New collage

Auto created from related photos



Google Photos



Automatically Photo Backup

Apple iOS and Android App

- Get Google Photos App from the app store
- App will automatically backup all photos to Google Photos

Microsoft Windows

- Use Link <https://photos.google.com/apps>
- Select Desktop Uploader
 - Gpautobackup_setup.exe
 - This will backup all photos to Google Photos

Google Photos Editing



Auto Enhance

Light

Color

Pop

Vignette

Crop

Preset Enhance Selections

Text Labels

Google Photos Photo Sharing



Select Individual Photos

Select Sharing Icon

- Select Message, E-Mail, Twitter or Facebook
- Select Copy, Print, Link or Open in....app

Google Photos Useful Links



<https://www.google.com/photos/about/?page=home>

<https://photos.google.com/>

<https://photos.google.com/apps>

<http://googleblog.blogspot.com/2015/05/picture-this-fresh-approach-to-photos.html>

<http://www.computerworld.com/article/2929593/android/new-google-photos-app.html>

<http://www.cnet.com/products/google-photos/>

<https://www.yahoo.com/tech/the-pogue-review-flickr-vs-google-photos-which-120670213494.html>

Google Photos Issues

Photos and Videos

- Photos Maximum Resolution of 16 Megapixels
- Videos Maximum Resolution 1080p
- Raw images must be stored on G-drive or another cloud storage device (OneDrive, Dropbox..)

Face Recognition may not always work

- No Manual Override

Place recognition will fail for some images

- No Manual Override

It can take 1-2 Days for Face and Place Recognition to complete recognition after you upload photos

Photo Sharing limited to individual photos not Collections



Digital Photo/Video Cloud Storage Competitors

Apple iCloud

- \$20/year for Terabyte

Amazon Prime

- Need to pay for Prime Service, \$99/Year
- Unlimited Storage

Dropbox/Carousel

- \$10/year for Terabyte

Yahoo Flickr

- 1 Terabyte Free with ads
- \$25/year for Unlimited Storage

Microsoft OneDrive

- 15 GB free for Photos
- 1 Terabyte with Office/365, \$70-100/Year

Google Photos

- Unlimited Storage Free



Google Photos

Bottom Line

The new Google Photos brings the company's expertise in User Interface, Performance, Artificial Intelligence, Data Mining and Machine Learning to bear on the task of storing, organizing and finding your photos. And that, combined with its Cross-Platform approach, makes it the best of breed.

