



Australian Seniors Computer
Clubs Association

ASCCA



ASCCA
PO Box 155 | Glen Iris | Victoria | 3146
0434 857 222

www.ascca.org.au
office@ascca.org.au training@ascca.org.au
www.facebook.com/ASCCAau

ASCCA respectfully acknowledges the traditional custodians of Country throughout Australia and recognises Aboriginal and Torres Strait Islanders' continuing connection to land, water and sky. We pay our respects to them, their cultures, and to their elders past, present and emerging.

Google Photos



- Web address: www.photos.google.com
- Google (@gmail) account required
- 15 GB free online storage for photos & videos
- Cloud storage back-up at 'Storage Saver' or 'Original quality'
- Sync uploaded images between devices

20/08/2022

 Jean Martin for ASCCA

Slide 1

Your Google account (_ _ _ @gmail.com)

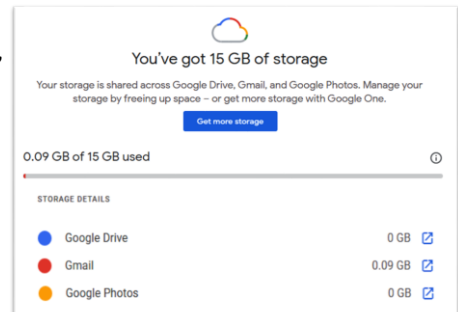
Online/Cloud Storage

A Google account provides 15 GB of free online storage, that is, shared across *Gmail*, *Google Drive*, and *Google Photos*.

Using any web-browser, go to www.photos.google.com and log-in with your Google credentials (email address and password). To see your storage usage, edit the URL to www.photos.google.com/quotamanagement

Results are colour-coded and in GB (gigabytes).

More online storage can be purchased by subscribing to Google One, currently 100 GB \$2.49/month.



Security Check-up

Turn on **2-Step Verification** /authentication

With 2-Step Verification, you add an extra layer of security to your account in case your password becomes compromised.



If you don't want to provide the second verification step each time you sign in on your home computer or phone, tick the box next to "Don't ask again on this computer".

20/08/2022

 Jean Martin for ASCCA

2

Google Photos' interface (using Computer)

- **Left-side Panel:** *Photos, Explore, Sharing,*
LIBRARY: Favourites, Albums, Utilities, Archive, Bin
- **Timeline**
Vertical time-line down the right side of page. Not on phone/tablet.
- **Favourites**
Click on a thumbnail (enlarges image) > click the star. The star does not print. Use *Favourites* on LS Panel to quickly find your favourite images. Click star again to remove.
- **Archive**
A place to store images away from main display, e.g. screenshots, receipts, etc.
- **Metadata from an image**
Click on a thumbnail (enlarges image) > 
- **Partner – under Settings** 
To share all images with a family member or 'significant other'.

20/08/2022

 Jean Martin for ASCCA

3

Install the Google Photos app on your phone / tablet

Free app for phone or tablet from Google Play (for Android)  or Apple App Store 

Choose between:

- **Storage saver:** Conserves your device's storage but downscales photos to 16MP and re-encodes videos to 1080p. [The originals on your computer do not change.]
- **Original Quality:** Stores all your photos and videos on the cloud exactly as you shot them.

References: 1. ['High quality' vs 'Original' settings](#) 2. ['High quality' vs 'Original' settings](#)

Note: 'High quality' is now called 'Storage saver'. Unlimited storage ended June 2021.

Recommended settings:

- **Back up & sync**
- **Upload only over Wi-Fi.**

The app provides online previews of the images (photos/videos) that you've taken previously or uploaded to your Google Photos 'cloud' storage.

It functions as an online back-up. You'll easily be able to recover your images from the 'cloud' if you lose your phone or have a catastrophic event with your home computer.

20/08/2022

 Jean Martin for ASCCA

4

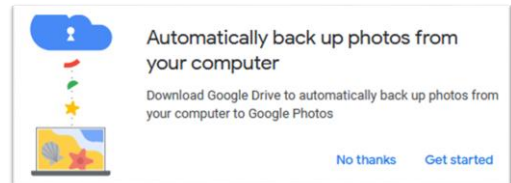
Printing

Printing (incl. photobooks) requires significantly more pixels than viewing on screens. For printing from *Storage Saver* images downloaded from Google Photos' cloud, the rule-of-thumb is **300 pixels per linear inch** for optimum quality. The pixel dimensions will determine the size an image can be printed.

A 16MP image (4,928 x 3,264 pixels) can be printed to 16.4" x 10.8" size at optimal quality. (This is larger than an 'A4' page, 11" x 8".)

Google Photos' duplicate prevention

Google Photos has identical-duplicate detection, based on the image's unique 'hash'. This means if you have already uploaded a photo to Google Photos, it will not re-upload the same photo.



20/08/2022


 Jean Martin for ASCCA

5

Search field



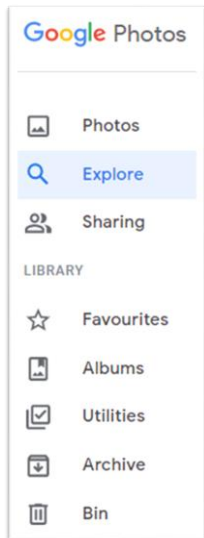
- Finds Filenames and Album titles.
- Finds dates images taken, e.g. *November 2021*
- If Location / GPS used when image taken, allows search for town / suburb.
- Check against image's metadata. ⓘ
- **Image-analysis tool** (machine learning) catalogues your pics / videos. Type Search terms, e.g. *flowers, animals, soccer, sunsets, wedding, freckles*, particular colours, *woman with necklace*, etc. Of course, it won't find a *hippopotamus* image if you don't have one in your *Photos* library.

20/08/2022


 Jean Martin for ASCCA

6

Explore



Google organizes

People & Pets, Places, Things, Videos, Collages, Animations, and Movies (edited videos).

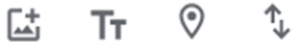
- **People & Pets** (circles) gathers images of the same person/pet. Use *Add a name* under the profile picture.
- **Places** uses the metadata from GPS-enabled cameras.
- **Things** – categories, set by Google.
- Also, see more categories below, e.g. **Favourites, Videos**.
- **Settings** **Group similar faces** turn *Face grouping* ON / OFF

20/08/2022

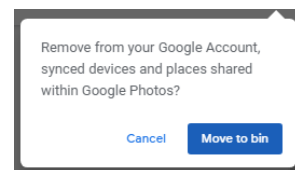
Jean Martin for ASCCA

7

Albums



- Albums are collections that *you* curate & name.
- The same image from *Photos* can be added to multiple albums, or to none.
- You can add or remove images to/from an album at any time. Removing an image from an album does not delete it from *Photos*.
- Instead of sending attachments on emails, share an Album of 100s of images in one action, using and sending the link in an email or sms. Also, make Collaborative Albums for an event. Only persons with gmail accounts can collaborate. [Click here for sharing using phone.](#)
- To totally remove an image from an Album, select the image, go to **Remove from album**.
- To totally remove an image from an Album and from *Photos*, **Move to bin**.



20/08/2022

Jean Martin for ASCCA

8

Edit Images



After clicking on a thumbnail image to enlarge it,

- Tap the **Edit** symbol. 3 tabs then appear (top right):
 - i. **12 filters** – with sliders. Save or Cancel the effect.
 - ii. **Light** (brightness) & **Colour** adjustments. Tapping an arrow to the right of the Light and Color sliders displays fine-grained adjustments, such as Exposure, Contrast and Highlights under Light; and Saturation and Warmth under Color.
 - iii. **Crop & Straighten** also, Aspect ratio for printing at kiosks.
- This web app’s editing is “non destructive”, meaning that the original image is always recoverable. (Of course, it is not editing the image on your local drive.)