

# Google Lens



## Reading and understanding information within images

### What is Google Lens?

Google Lens is a solution for identifying objects, plants, and animals. Moreover, it provides fast solutions to solving problems like translating text when you're travelling, or copying text from textbooks, PDFs, and printed documents! Google Lens is easy to use and it's free.

The latest version of Google Lens has five modes:

Auto: Lens automatically provides relevant search results based on the image it sees.

Translate: Point at text and Lens provides a translation on top of the original words.

Text: Point Lens at the text you want to copy.


Shopping: Point Lens at an item that you would like to find in a store or scan the barcode.

Dining: Scan a menu and Lens can translate it or highlight which dishes are popular.

### How to get started with Google Lens

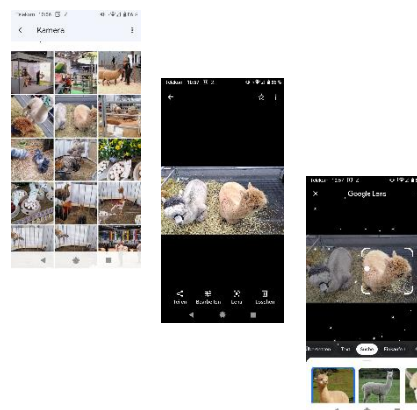
Android: You can install the Google Lens app from the Play Store, use it inside Google Photos or use the Google Lens icon in your Google Assistant.



iOS: There is no Google Lens app in the App Store, you have to install the Google Photos app or the Google app, Google Lens is integrated in both applications, look for the  symbol.

### Identifying objects, plants, and animals or popular landmarks

1. Open Google Photos.
2. Tap on photo of the object and then on Google Lens icon.
3. This launches Google Lens which is their image recognition software designed to bring up relevant information using visual analysis.
4. Results are displayed below the photo.





## Copy-Paste text from textbooks and documents

Google Lens is able to copy-paste text, e.g. copy study notes from a textbook or any other document into your own document. A special software integrated in Google Lens (OCR - Optical Character Recognition) gives you the ability to read any character from an image and turn it into editable text.

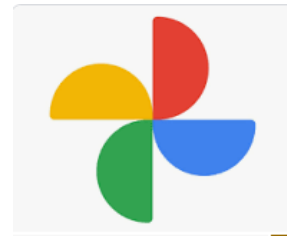
The easiest way to copy-paste text is by using the Google Lens app if you have an Android phone. The alternative option is to use the Google Lens icon inside Google Photos if you are using an iOS phone.

1. Open the Google Lens app (Androids only).
2. Point your phone's camera over all the text you want to scan (so it is all highlighted).
3. Tap on the Text icon.
4. Tap on Select All (or you can tap on sections of text you want to select).
5. Tap on Copy text.
6. Open up the app or document you wish to copy the text into (I use Google Docs on my phone).
7. Long press the cursor in your document to summon the selection menu.



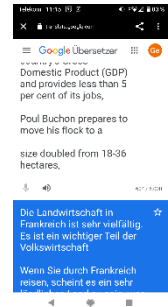
## Copy-paste text using the Google Lens icon inside the Google Photos app:

1. Open Google Photos.
2. Open the photo you want to copy-paste text from.
3. Tap in the Google Lens icon.
4. Tap on the Search Icon to launch the Google Lens mode options.
5. Tap on the Text icon.
6. Tap on Select All (or you can tap on sections of text you want to select).
7. Tap on Copy Text.
8. Open up the app or document you wish to copy the text into (I use Google Docs on my phone).
9. Long press the cursor in your document to summon the selection menu.



## Here's how to translate text using the Google Lens app:

1. Open the Google Lens app (Androids only).
2. Point your phone's camera over all the text you want to translate.
3. Tap on the Translate icon and the translated words will appear over the original words. Tap on Copy All if you want to copy-paste the translated text into a document.



## Here's how to translate text using the Google Lens icon inside Google Photos app:

1. Open Google Photos.
2. Open the photo you want to translate text from.
3. Tap in the Google Lens icon.
4. Tap on Search icon to access Google Lens modes.
5. Tap on Translate icon.
6. The translated words will appear over the original words.

### Tips & tricks

Google Lens is able to read QR codes so there is no need to install a QR Code Reader!

In Google Photos you tap on the QR code you want to read once you've tapped on the Google Lens icon and the URL from the QR code is displayed below the image.

Adapted and shortened from: <https://www.theedublogger.com/google-lens-guide/>

