

API DASHBOARD

- [Your Account](#)
- [Your API Metrics](#)
- [Your Searches](#)
- [Your Playground](#)

API DOCUMENTATION

- [Google Search API](#)
- [Google Light Search API](#)
- [Google Ads Transparency API](#)
- [Google AI Mode API](#)
- [Google AI Overview API](#)
- [Google Autocomplete API](#)
- [Google Events API](#)
- [Google Forums API](#)
- [Google Finance API](#)
- [Google Flights API](#)
- [Google Hotels API](#)
- [Google Images API](#)
- [Images Results](#)
- [Related Content API](#)
- [Related Searches](#)
- [Shopping Results](#)
- [Suggested Searches](#)
- [Google Images Light API](#)
- [Google Immersive Product API](#)
- [Google Jobs API](#)
- [Google Lens API](#)
- [Google Local API](#)
- [Google Local Services API](#)
- [Google Maps API](#)
- [Google Maps Reviews API](#)
- [Google News API](#)
- [Google News Light API](#)
- [Google Patents API](#)
- [Google Play Store API](#)
- [Google Related Questions API](#)
- [Google Reverse Image API](#)
- [Google Scholar API](#)
- [Google Shopping API](#)
- [Google Shopping Light API](#)
- [Google Light Fast API](#)
- [Google Short Videos API](#)
- [Google Travel Explore API](#)
- [Google Trends API](#)
- [Google Videos API](#)
- [Google Videos Light API](#)
- [Amazon Search API](#)
- [Apple App Store API](#)
- [Baidu Search API](#)
- [Bing Images API](#)
- [Bing Copilot API](#)
- [Bing Search API](#)
- [DuckDuckGo Search API](#)
- [DuckDuckGo Light API](#)
- [eBay Search API](#)
- [Facebook Profile API](#)
- [Naver Search API](#)
- [The Home Depot Search API](#)
- [Tripadvisor Search API](#)
- [Walmart Search API](#)
- [Yahoo! Search API](#)
- [Yandex Search API](#)
- [Yelp Search API](#)
- [YouTube Search API](#)
- [Extra APIs](#)
- [Status and Error Codes](#)

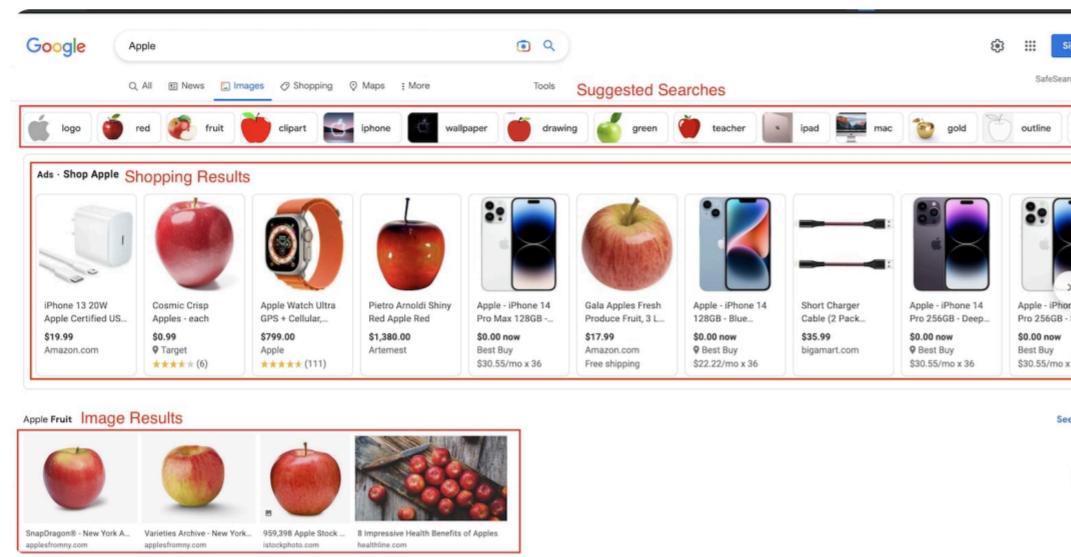
Google Images Results API

The Google Images Results API allows a user to scrape images from a Google Images search results page. When SerpApi encounters image results, we add them to our JSON output as the array `image_results`. Head to the [playground](#) for a live and interactive demo.

If you are interested in the reverse image search - head to our [Reverse Image API](#).

API Examples

Results for: Apple



GET

```
1 | https://serpapi.com/search.json?
q=Apple&engine=google_images&ijn=0
```

Code to integrate

```
1 | require "serpapi"
2 |
3 | client = SerpApi::Client.new(
4 |   q: "Apple",
5 |   engine: "google_images",
6 |   ijn: "0",
7 |   api_key:
8 |     "a85853e3401522bd0dbb7b0d6b4901dc8a5849baae4354be6cea1dd229296958"
9 | )
10|
11| results = client.search
12| images_results = results[:image_results]
```

JSON Example



API DASHBOARD

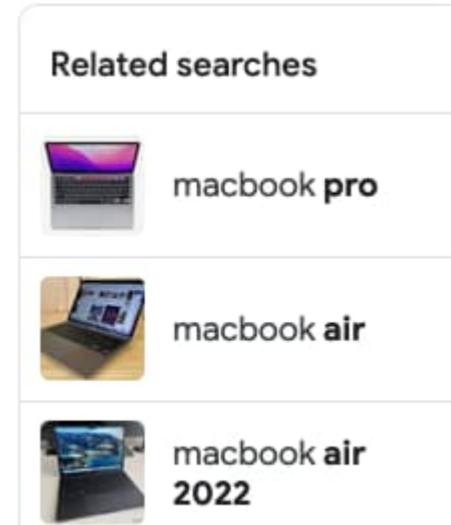
- [Your Account](#)
- [Your API Metrics](#)
- [Your Searches](#)
- [Your Playground](#)

API DOCUMENTATION

- [Google Search API](#)
- [Google Light Search API](#)
- [Google Ads Transparency API](#)
- [Google AI Mode API](#)
- [Google AI Overview API](#)
- [Google Autocomplete API](#)
- [Google Events API](#)
- [Google Forums API](#)
- [Google Finance API](#)
- [Google Flights API](#)
- [Google Hotels API](#)
- [Google Images API](#)
 - [Images Results](#)
 - [Related Content API](#)
 - [Related Searches](#)
 - [Shopping Results](#)
 - [Suggested Searches](#)
- [Google Images Light API](#)
- [Google Immersive Product API](#)
- [Google Jobs API](#)
- [Google Lens API](#)
- [Google Local API](#)
 - [Google Local Services API](#)
- [Google Maps API](#)
- [Google Maps Reviews API](#)
- [Google News API](#)
- [Google News Light API](#)
- [Google Patents API](#)
- [Google Play Store API](#)
- [Google Related Questions API](#)
- [Google Reverse Image API](#)
- [Google Scholar API](#)
- [Google Shopping API](#)
- [Google Shopping Light API](#)
- [Google Light Fast API](#)
- [Google Short Videos API](#)
 - [Google Travel Explore API](#)
- [Google Trends API](#)
- [Google Videos API](#)
- [Google Videos Light API](#)
- [Amazon Search API](#)
- [Apple App Store API](#)
 - [Baidu Search API](#)
- [Bing Images API](#)
- [Bing Copilot API](#)
 - [Bing Search API](#)
- [DuckDuckGo Search API](#)
- [DuckDuckGo Light API](#)
- [eBay Search API](#)



```
{
  ...
  {
    "position": 1,
    "title": "iPhone 13 20W Apple Certified USB C Fast Charger for iPhone 1",
    "price": "$19.99",
    "extracted_price": 19.99,
    "link": "https://www.amazon.com/iPhone-Certified-Charger-Type-C-Lightni",
    "source": "Amazon.com",
    "thumbnail": "https://serpapi.com/searches/681d2f0a97f1cc6a51426034/imc"
  },
  {
    "position": 2,
    "title": "Cosmic Crisp Apples - each",
    "price": "$0.99",
    "extracted_price": 0.99,
    "link": "https://www.target.com/p/cosmic-crisp-apples-each/-/A-79154064",
    "source": "Target",
    "thumbnail": "https://serpapi.com/searches/681d2f0a97f1cc6a51426034/imc"
  },
  {
    "position": 3,
    "title": "Apple Watch Ultra GPS + Cellular, 49mm Titanium Case with Orc",
    "price": "$799.00",
    "extracted_price": 799,
    "link": "https://www.apple.com/us/shop/go/product/MQEUD?cid=aos-us-seo-",
    "source": "Apple",
    "thumbnail": "https://serpapi.com/searches/681d2f0a97f1cc6a51426034/imc"
  },
  ...
],
"images_results": [
{
  "position": 1,
  "thumbnail": "https://serpapi.com/searches/681d2f0a97f1cc6a51426034/imc",
  "related_content_id": "d3ZFQTJGZ1dtUVVDZk1cIixcIjZQTFZWdWJTLWdNZ2RN",
  "serpapi_related_content_link": "https://serpapi.com/search.json?relate",
  "source": "New York Apple Association",
  "title": "SnapDragon® - New York Apple Association",
  "link": "https://www.applesfromny.com/varieties/snapdragon/",
  "original": "https://static.wikia.nocookie.net/fruits-information/image",
  "original_width": 2400,
  "original_height": 1889,
  "is_product": false
},
{
  "position": 2,
  "thumbnail": "https://serpapi.com/searches/681d2f0a97f1cc6a51426034/imc",
  "related_content_id": "a3RjeHZGNUxhWHLWW1cIixcIkMwRVJl0XBJSHZIZmdN",
  "serpapi_related_content_link": "https://serpapi.com/search.json?relate",
  "source": "New York Apple Association",
  "title": "Varieties Archive - New York Apple Association",
  "link": "https://www.applesfromny.com/varieties/",
  "original": "https://www.applesfromny.com/wp-content/uploads/2020/06/Sr",
  "original_width": 2400,
  "original_height": 1889,
  "is_product": false
},
  ...
],
"suggested_searches": [
{
  "name": "Logo",
  "link": "https://www.google.com/search?sca_esv=221f3c1ac0fa11b3&sca_upv",
  "uds": "AMwkrPujEvoK088_gtxxkRd0v3RzhyhkqYCqvbtEuGrAPAoXk70xEyGFZujOUE",
  "serpapi_link": "https://serpapi.com/search.json?device=desktop&engine=",
  "thumbnail": "https://serpapi.com/searches/681d2f0a97f1cc6a51426034/imc"
},
{
  "name": "red",
  "link": "https://www.google.com/search?sca_esv=221f3c1ac0fa11b3&sca_upv",
  "uds": "q:apple,g_1:red:MbDAkgkowSA%3D",
  "serpapi_link": "https://serpapi.com/search.json?device=mobile&engine=",
  "thumbnail": "https://serpapi.com/searches/681d2f0a97f1cc6a51426034/imc"
},
{
  "name": "Fruit",
  "link": "https://www.google.com/search?sca_esv=221f3c1ac0fa11b3&sca_upv",
  "uds": "AMwkrPuv_kvMoMCQup7mhE6FekLHcL3SifwcZpZ3maU-P62shsm7_8yw6VCvE",
  "serpapi_link": "https://serpapi.com/search.json?device=desktop&engine=",
  "thumbnail": "https://serpapi.com/searches/681d2f0a97f1cc6a51426034/imc"
},
  ...
]
]
```

Related Searches results for: **macbook**

↔ GET

```
1 | https://serpapi.com/search.json?
q=macbook&engine=google_images
```

↔ Code to integrate

Ruby

```
1 | require "serpapi"
2 |
3 | client = SerpApi::Client.new(
4 |   q: "macbook",
5 |   engine: "google_images",
6 |   api_key:
7 |     "a85853e3401522bd0dbb7b0d6b4901dc8a5849baae4354be6cea1dd229296958"
8 | )
9 |
10 | results = client.search
|   related_searches = results[:related_searches]
```

() JSON Example



API DASHBOARD

[Your Account](#)[Your API Metrics](#)[Your Searches](#)[Your Playground](#)

API DOCUMENTATION

[G Google Search API](#)[G Google Light Search API](#)[G Google Ads Transparency API](#)[G Google AI Mode API](#)[G Google AI Overview API](#)[G Google Autocomplete API](#)[G Google Events API](#)[G Google Forums API](#)[G Google Finance API](#)[G Google Flights API](#)[G Google Hotels API](#)[G Google Images API](#)[G Images Results](#)[G Related Content API](#)[G Related Searches](#)[G Shopping Results](#)[G Suggested Searches](#)[G Google Images Light API](#)[G Google Immersive Product API](#)[G Google Jobs API](#)[G Google Lens API](#)[G Google Local API](#)[G Google Local Services API](#)[G Google Maps API](#)[G Google Maps Reviews API](#)[G Google News API](#)[G Google News Light API](#)[G Google Patents API](#)[G Google Play Store API](#)[G Google Related Questions API](#)[G Google Reverse Image API](#)[G Google Scholar API](#)[G Google Shopping API](#)[G Google Shopping Light API](#)[G Google Light Fast API](#)[G Google Short Videos API](#)[G Google Travel Explore API](#)[G Google Trends API](#)[G Google Videos API](#)[G Google Videos Light API](#)[A Amazon Search API](#)[A Apple App Store API](#)[Baidu Search API](#)[B Bing Images API](#)[B Bing Copilot API](#)[B Bing Search API](#)[D DuckDuckGo Search API](#)[D DuckDuckGo Light API](#)[eBay Search API](#)[F Facebook Profile API](#)[N Naver Search API](#)[T The Home Depot Search API](#)[T TripAdvisor Search API](#)[W Walmart Search API](#)[Y! Yahoo! Search API](#)[Y Yandex Search API](#)[Y Yelp Search API](#)[Y YouTube Search API](#)[X Extra APIs](#)[S Status and Error Codes](#)

```
{
  "link": "https://www.google.com/search?q=macbook+pro&udm=2&gl=us&hl=en&serpapi_link": "https://serpapi.com/search.json?device=desktop&engine=g&query": "macbook pro",
  "highlighted_words": [
    "pro"
  ],
  "thumbnail": "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRK&
},
{
  "link": "https://www.google.com/search?q=macbook+air&udm=2&gl=us&hl=en&serpapi_link": "https://serpapi.com/search.json?device=desktop&engine=g&query": "macbook air",
  "highlighted_words": [
    "air"
  ],
  "thumbnail": "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQf&
},
{
  "link": "https://www.google.com/search?q=macbook+air+2022&udm=2&gl=us&hl=en&serpapi_link": "https://serpapi.com/search.json?device=desktop&engine=g&query": "macbook air 2022",
  "highlighted_words": [
    "air 2022"
  ],
  "thumbnail": "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTB&
},
...
],
...
}
```

JSON structure overview

```
{
  "images_results": [
    {
      "position": "Integer - Image index",
      "thumbnail": "String - URL of an image",
      "related_content_id": "String - Unique ID for retrieving the Related Content of an image",
      "serpapi_related_content_link": "String - Link to SerpApi to fetch the Related Content of an image",
      "original": "String - Original Image URL (full resolution)",
      "original_width": "Integer - Original Image width",
      "original_height": "Integer - Original Image height",
      "title": "String - Short Image Description",
      "tag": "String - Optional tag of the image",
      "link": "String - Link to the page providing the image",
      "source": "String - Original Domain Name",
      "source_logo": "String - URL to the source logo",
      "is_product": "Boolean - Is the link to the page providing the image containing a product",
      "in_stock": "Boolean - Is product in stock"
    },
    ...
  ]
}
```

Images Pagination

Images are fetched by batch of 100 images per search. To fetch additional images, you need to perform the same search again, incrementing the `ijsn` parameter for each page of results you want to retrieve. As an example, to get the first 300 images for the search "Apple":

1. https://serpapi.com/playground?q=Apple&engine=google_images&ijsn=0
2. https://serpapi.com/playground?q=Apple&engine=google_images&ijsn=1
3. https://serpapi.com/playground?q=Apple&engine=google_images&ijsn=2

Images Advanced Filter Search

i `tbs=iar` (aspect ratio) has been discontinued by Google. Use parameter `imgar` instead ([imgar documentation](#))

Google Images provides a way to filter by size, image type, and more. This information is encoded in the `tbs` parameter. E.g., `tbs=itp:photos,isz:l` selects only large photos.

SerpApi search examples:

- https://serpapi.com/playground?q=apple&engine=google_images&ijsn=0&tbs=itp:photos,isz:l
- https://serpapi.com/playground?q=apple&engine=google_images&ijsn=1&tbs=itp:photos,isz:l

To build your own `tbs` parameter, you can perform a regular Google Images search in your browser and copy the value of the field `tbs` from the url:

1. Enable Tools dropdown on the right
2. Select the image filters you want to use

Your browser URL should contain something like:

`...&tbs=itp:photos,isz:l...`. You can use this value directly on SerpApi.

API DASHBOARD

- [Your Account](#)
- [Your API Metrics](#)
- [Your Searches](#)
- [Your Playground](#)

API DOCUMENTATION

- [Google Search API](#)
- [Google Light Search API](#)
- [Google Ads Transparency API](#)
- [Google AI Mode API](#)
- [Google AI Overview API](#)
- [Google Autocomplete API](#)
- [Google Events API](#)
- [Google Forums API](#)
- [Google Finance API](#)
- [Google Flights API](#)
- [Google Hotels API](#)
- [Google Images API](#)
- [**Images Results**](#)
- [Related Content API](#)
- [Related Searches](#)
- [Shopping Results](#)
- [Suggested Searches](#)
- [Google Images Light API](#)
- [Google Immersive Product API](#)
- [Google Jobs API](#)
- [Google Lens API](#)
- [Google Local API](#)
- [Google Local Services API](#)
- [Google Maps API](#)
- [Google Maps Reviews API](#)
- [Google News API](#)
- [Google News Light API](#)
- [Google Patents API](#)
- [Google Play Store API](#)
- [Google Related Questions API](#)
- [Google Reverse Image API](#)
- [Google Scholar API](#)
- [Google Shopping API](#)
- [Google Shopping Light API](#)
- [**Google Light Fast API**](#)
- [Google Short Videos API](#)
- [Google Travel Explore API](#)
- [Google Trends API](#)
- [Google Videos API](#)
- [Google Videos Light API](#)
- [Amazon Search API](#)
- [Apple App Store API](#)
- [Baidu Search API](#)
- [Bing Images API](#)
- [Bing Copilot API](#)
- [Bing Search API](#)
- [DuckDuckGo Search API](#)
- [DuckDuckGo Light API](#)
- [eBay Search API](#)
- [Facebook Profile API](#)
- [Naver Search API](#)
- [The Home Depot Search API](#)
- [Tripadvisor Search API](#)
- [Walmart Search API](#)
- [**Yahoo! Search API**](#)
- [Yandex Search API](#)
- [Yelp Search API](#)
- [YouTube Search API](#)
- [Extra APIs](#)
- [Status and Error Codes](#)

The screenshot shows a search interface for Google Images. At the top, there's a search bar with a magnifying glass icon and a placeholder 'Search'. To the right of the search bar is a URL field containing '/'. On the far right of the header are 'Sign In' and 'Register' buttons. Below the header, there's a navigation bar with tabs: 'All', 'Images' (which is highlighted in blue), 'News', 'Maps', 'Videos', and 'More'. To the right of these tabs are 'Settings' and 'Tools' buttons. Underneath the navigation bar, there are several dropdown menus: 'Large', 'Color', 'Usage rights', 'Photo' (which is also highlighted in blue), 'Time', 'More tools', and 'Clear'. The main content area below the interface is mostly blank.