```
</> GET
```

```
https://serpapi.com/search.json?engine=google_reverse_image&image_url=ht
```

```
</> Code to integrate                              Python    ⬍
```

```python
1   from serpapi import GoogleSearch
2
3   params = {
4     "engine": "google_reverse_image",
5     "image_url": "https://i.imgur.com/5bGzZi7.jpg",
6     "api_key": "secret_api_key"
7   }
8
9   search = GoogleSearch(params)
10  results = search.get_dict()
11  inline_images = results["inline_images"]
```

HOME PAGE:
  - How to implement?
  - Upload/input an image
        - Reverse Image Searches Image

- Home page
    - TkInter
    - Upload/input image
        - Reverse image searches image
            - https://serpapi.com/google-reverse-image
        - Scrapes webpage results for (number between 50 and 100) common words that actually mean something
            - How to check they aren't sight words?
            - Not in top 75 words in english language?

Fry First Hundred

a	about	after	again	all	an
and	any	are	as	at	be
been	before	boy	but	by	can
come	day	did	do	down	eat
for	from	get	give	go	good
had	has	have	he	her	here
him	his	how	I	if	in
is	it	just	know	like	little
long	make	man	many	me	much
my	new	no	not	of	old
on	one	or	other	our	out
put	said	see	she	so	some
take	that	the	their	them	then
there	they	this	three	to	two
up	us	very	was	we	were
what	when	which	who	will	with
work	would	you	your		

- ●
  - ■ Recursively go through thesaurus.com to generate more words until we hit 1000 no duplicates
    - ● If we don't, then take next reverse image search image result and repeat

- ● File is uploaded
  - ○ Method to get links from image
  - ○ Method to get text corpus from links
  - ○ Method to get important words from text
  - ○ Method that calls recursive helper to get thesaurus list
  - ○ Helper method that takes a word and it gets synonyms, then for each synonym recurs until wordList > 1000 elements
    - ■ wordList is global
    - ■ Base case 1: A word has no synonyms
    - ■ Base case 2: Hard Timeout with global time started in method that calls helper to catch infinite loop
  - ○ Print wordList