

Better searches. Better results.

Here are some nifty modifiers to type in your Google search box to refine your searches and get the best results.



Exact Phrase

What it does: searches for an exact phrase
What to type: "one small step for man"
What you'll get: results that include the exact phrase "one small step for man"



Excluded Words

What it does: excludes search results with a particular word or phrase
What to type: bass -fishing
What you'll get: results about bass that are not related to fishing



Similar Words

What it does: searches for a word and all its synonyms
What to type: ~mobile phone
What you'll get: results with the word "phone," as well as "cell," "cellular," "wireless," etc.



Multiple Words

What it does: searches for webpages that include either word
What to type: vacation London OR Paris
What you'll get: results with the word "vacation" and either "London" or "Paris"



Numerical Ranges

What it does: searches for a range of numbers
What to type: Willie Mays 1950...1960
What you'll get: results about Willie Mays during this time period

define:

Find Meanings

What it does: defines a word or phrase
What to type: define:plethora
What you'll get: links to definitions of the word "plethora"

site:

Site Specific

What it does: searches only particular websites
What to type: global warming site:edu
What you'll get: references to global warming found on .edu websites

link:

Linked Pages

What it does: searches for webpages that link to a particular website
What to type: link:www.umich.edu
What you'll get: websites that link to the University of Michigan website

1+1

Math Answers

What it does: basic calculator functions
What to type: 4+7, 30% of 55, 20^2, sqrt(4), etc.
What you'll get: the answer

cm in foot

Conversions

What it does: converts units of measure
What to type: cm in foot, 28C in F, \$ in pound, days in fortnight, miles in league, mph in speed of light, etc.
What you'll get: the converted answer

Nifty Google Hints

Search Operators (AND, OR, “ “, - , +, ~, *)

AND is automatic for all Google searches and means all words are included in the search

OR is used between two terms if you want either term to be included

“ “ creates an exact search phrase ie. “search term”

- the minus sign means you don't want the word following the - to be included in the search

+ the plus sign means that the following word must be included in the search

~ the tilde is used to find synonyms of the following word ie. End of the ~earth will also find end of the world

* is the missing word wildcard, which is used only within phrases.

Search Terms

site: - restricts your search to information found on a specific site. ie. site: website.com
search phrase

define: - finds the definition of the following word.

filetype: - search for files by a specific type (PDF, PS, DOC, XLS, PPT, RTF)

movie: - type in this operator and your zip code and you will get a list of all movies in that area, including location and time

weather: - this operator along with the location city, state will give you the local weather for that location

Google Directories

Google has a directory based on the Open Source Project. You can find it at www.google.com/dirhp It's like the yellow pages for websites.

Want a list of catalogs by subject? Try catalogs.google.com

Time Saving Tips

- Once you have downloaded the Google Toolbar, go to the options and change the search results box to open results in a new window or tab.
- On the Google homepage, click the preferences link and change the number of results to 30 and click to have results open in a new window.
- When you know your answer is in the results, but you want to find a specific result in the search you have already gotten. At the bottom of the results page you will see a link, [Search within results](#). This will refine your search for just those results.

Google Company Information
 Public (NASDAQ: GOOG) and (LSE: GGEA)

Founded
 Menlo Park, California (1998)

Location
 Mountain View, California, USA

Key people
 Eric E. Schmidt
 Sergey Brin
 Larry E. Page
 George Reyes

Revenue
 \$6.138 Billion USD (2005)

Net Income
 \$1.465 Billion USD (2005)

Employees
 5,680 (2005)

Contact Address
 2400 E. Bayshore Parkway
 Mountain View, CA 94043

Contact Phone
 +1 650 318 0200 (US)

Contact Fax
 +1 650 618 1499 (US)

dns-admin@google.com

GOOGLE SERVICES

Google AdSense	https://www.google.com/adsense/
Google AdWords	https://adwords.google.com/select/
Google Analytics	http://google.com/analytics/
Google Answers	http://answers.google.com/
Google Base	http://base.google.com/
Google Blog Search	http://blogsearch.google.com/
Google Bookmarks	http://www.google.com/bookmarks/
Google Books Search	http://books.google.com/
Google Calendar	http://google.com/calendar/
Google Catalogs	http://catalogs.google.com/
Google Code	http://code.google.com/
Google Deskbbar	http://deskbbar.google.com/
Google Desktop	http://desktop.google.com/
Google Directory	http://www.google.com/dirhp
Google Earth	http://earth.google.com/
Google Finance	http://finance.google.com/
Google Groups	http://groups.google.com/
Google Images	http://images.google.com/
Google Labs	http://labs.google.com/
Google Local	http://local.google.com/
Google Maps	http://maps.google.com/
Google Mars	http://www.google.com/mars/
Google Mobile	http://mobile.google.com/
Google Moon	http://moon.google.com/
Google Movies	http://www.google.com/movies
Google Music	http://www.google.com/musicsearch
Google News	http://news.google.com/
Google Pack	http://pack.google.com/
Google Page Creator	http://pages.google.com/
Google Personalized Home...	http://www.google.com/ig
Google Personalized Search	http://labs.google.com/personalized
Google Reader	http://www.google.com/reader
Google Scholar	http://scholar.google.com/
Google Search History	http://www.google.com/searchhistory
Google SMS	http://www.google.com/sms/
Google Suggest	http://www.google.com/webhp?complete=1
Google Talk	http://talk.google.com/
Google Toolbar	http://toolbar.google.com/
Google Transit Trip Planner	http://www.google.com/transit
Google Translate	http://www.google.com/translate_t
Google Video	http://video.google.com/
Google Web Accelerator	http://webaccelerator.google.com/
Google Web API	http://www.google.com/apis/
Google Web Search	http://www.google.com

Google domains

google.ae	google.co.kr
google.af	google.kz
google.am	google.li
google.an	google.lk
google.ar	google.lc
google.as	google.lg
google.at	google.lh
google.au	google.li
google.az	google.lj
google.ba	google.lk
google.bb	google.ll
google.be	google.lm
google.bg	google.ln
google.bh	google.lo
google.bi	google.lp
google.bj	google.lr
google.bk	google.ls
google.bl	google.lt
google.bm	google.lv
google.bn	google.lx
google.bo	google.ly
google.br	google.mn
google.bs	google.mo
google.bt	google.mt
google.bw	google.mu
google.by	google.mv
google.ca	google.mw
google.cd	google.mx
google.cg	google.my
google.ch	google.mz
google.ci	google.na
google.cl	google.nc
google.cm	google.nd
google.cn	google.ne
google.co	google.nf
google.co.uk	google.ng
google.co.jp	google.ni
google.co.in	google.nl
google.co.ke	google.no
google.co.eg	google.np
google.co.za	google.nr
google.co.eg	google.nu
google.co.eg	google.nz
google.co.eg	google.om
google.co.eg	google.pa
google.co.eg	google.pe
google.co.eg	google.pg
google.co.eg	google.ph
google.co.eg	google.pk
google.co.eg	google.pl
google.co.eg	google.pn
google.co.eg	google.pr
google.co.eg	google.pt
google.co.eg	google.py
google.co.eg	google.ro
google.co.eg	google.ru
google.co.eg	google.rw
google.co.eg	google.sa
google.co.eg	google.sc
google.co.eg	google.se
google.co.eg	google.sg
google.co.eg	google.sh
google.co.eg	google.sk
google.co.eg	google.sn
google.co.eg	google.sm
google.co.eg	google.so
google.co.eg	google.st
google.co.eg	google.sv
google.co.eg	google.td
google.co.eg	google.th
google.co.eg	google.tj
google.co.eg	google.tk
google.co.eg	google.tl
google.co.eg	google.tm
google.co.eg	google.tn
google.co.eg	google.to
google.co.eg	google.tp
google.co.eg	google.tr
google.co.eg	google.tt
google.co.eg	google.tv
google.co.eg	google.tw
google.co.eg	google.tz
google.co.eg	google.ua
google.co.eg	google.ug
google.co.eg	google.uy
google.co.eg	google.uz
google.co.eg	google.vc
google.co.eg	google.ve
google.co.eg	google.vg
google.co.eg	google.vi
google.co.eg	google.vn
google.co.eg	google.vu
google.co.eg	google.ws
google.co.eg	google.zs
google.co.eg	google.zm

GOOGLEBOT

Googlebot/2.1 IP Addresses
 64.68.80.#
 64.68.81.#
 64.68.82.#
 64.68.84.#
 64.68.88.#
 216.239.46.#
 216.239.38.#
 216.239.36.#

Google PageRank Formula
 $PR(U) = (1-d) + d * \sum V(PR(V)/N(V))$

Sites with PageRank 10
 Adobe.com
 Apple.com
 Blogger.com
 Energy.gov
 FirstGov.gov
 Google.com
 Macromedia.com
 NASA.gov
 NSF.gov
 NYTimes.com
 Real.com
 StatCounter.com
 W3.org
 WebStandards.org
 Whitehouse.gov

Google Form Elements

Query Textbox q
 Google Search Button btnG
 Feeling Lucky Button btnl

QUERY STRUCTURE FOR SEARCHING GOOGLE FOR MUSIC AND MOVIES

Music -inurl:htm -inurl:html intitle:"index of" mp3 "Artist Name"
 Movies -inurl:htm -inurl:html -inurl:php intitle:"index of" (mpg|mov|avi|wmv) "Movie Name"
 Where Artist Name and Movie Name are replaced with the artist or movie you wish to find file directories for.

ADVANCED SEARCH OPERATORS

define:phrase
Show a list of definitions for *phrase*

cache:www.example.com
Google's cache of *example.com*

link:www.example.com
List of websites that link to *example.com*

related:www.example.com
List webpages similar to *www.example.com*

info:www.example.com
Show information that Google has about *www.example.com*

site:www.example.com
List all webpages hosted at *www.example.com*

allintitle:query
Restrict the results to those with all of the query words in the title.

intitle:query
Restrict the results to documents containing that word in the title.

allinurl:query
Restrict the results to those with all of the query words in the URL.

inurl:query
Restrict the results to documents containing that word in the URL.

apple * sauce
the words *apple* and *sauce* separated by exactly one word

Nokia phone \$100...300
Search within a range of numbers for a *Nokia phone* between \$100...300

safesearch: sex education
Search for *sex education* material without returning adult sites

LARGE SERVICES AND INVESTMENTS BELONGING TO GOOGLE

Blogger	http://www.blogger.com
Froogle	http://www.froogle.com/
Gmail	http://www.gmail.com/
Hello	http://www.hello.com/
Orkut	http://www.orkut.com/
Picasa	http://picasa.google.com/
SketchUp	http://www.sketchup.com/
Writely	http://www.writely.com/

FUN GOOGLE SERVICES AND TOOLS

Mentalplex	http://www.google.com/mentalplex/
Pigeon Rank	http://www.google.com/technology/pigeonrank.html
Moonbase Google	http://www.google.com/jobs/lunar_job.html
Google Gulp	http://www.google.com/googlegulp/
Google Romance	http://www.google.com/romance/

OTHER GOOGLE SERVICES AND TOOLS

Google Holiday Logos	http://www.google.com/intl/en/holidaylogos.html
Google Zeitgeist	http://www.google.com/press/intl-zeitgeist.html
Google Jobs	http://www.google.com/intl/en/jobs/
Google University Se...	http://www.google.com/options/universities.html
Google Sitemaps	https://www.google.com/webmasters/sitemaps/

OFFICIAL GOOGLE BLOGS FOR SERVICES AND TOOLS

Official Google Blog	http://googleblog.blogspot.com/
Adwords API	http://adwordsapi.blogspot.com/
Blogger Buzz	http://buzz.blogger.com/
Google Base	http://googlebase.blogspot.com/
Google Code	http://code.google.com/
Google Enterprise	http://googleenterprise.blogspot.com/
Google Maps API	http://googlemapsapi.blogspot.com/
Google Reader	http://googlereader.blogspot.com/
Google Research	http://googleresearch.blogspot.com/
Google Talk	http://googletalk.blogspot.com/
Google Video	http://googlevideo.blogspot.com/
Inside AdSense	http://adsense.blogspot.com/
Inside AdWords	http://adwords.blogspot.com/
Inside Desktop	http://googledesktop.blogspot.com/
Inside Sitemap	http://sitemaps.blogspot.com/

GOOGLE CALCULATOR BASIC OPERATORS

+	addition
-	subtraction
*	multiplication
/	division
%	modulus
% of	percentage of
^	raise to a power

GOOGLE CALCULATOR EXAMPLES

12*13
0x23 in decimal
40 in hexadecimal
(1+i)*(2+i)
212 F in C
1.21 gigawatts / 88 mph
the speed of light in miles / s
the speed of light in knots
two fortnights
days in a year
two plus two
a/c
m_earth
r_earth
G
1-0.9-0.1 = -2.77555756 × 10⁻¹⁷
kibibyte in bytes
kbit/s in bit/s = 1,024 bit/second
1.5 LTL in EUR
29.95USD in AUD
100 Chilean peso in Brazilian real
2 Euros per liter in British pounds per Imperial pint
5+2*2
2^20
sqrt(-4)
half a cup in teaspoons
160 pounds * 4000 feet in Calories

SEARCH BY NUMBER

UPS tracking numbers	example search: "1Z9999W9999999999"
FedEx tracking numbers	example search: "999999999999"
Vehicle ID (VIN) numbers	example search: "AAAAA999A9AA99999"
Telephone area codes	example search: "650"
Patent numbers	example search: "patent 5123123"
FAA airplane registration numbers	example search: "n199ua"

Special Web Searches

<http://www.google.com/unclesam>
<http://www.google.com/linux>
<http://www.google.com/bsd>
<http://www.google.com/mac>
<http://www.google.com/microsoft>
<http://www.google.com/firefox>