

Lesson 1.2: Filter image results by color

- **Key idea:** Posing a general query, then **filtering** the results
- **Example:** Filtering image results by color

Filter image results by color

- When the results aren't quite what you want ... filter by color

Google

Search About 38,300,000 results (0.24 seconds) SafeSearch

Web Related searches: [dinosaur fossils](#) [fossils in rocks](#) [fish fossils](#) [animal fossils](#) [fossils for kids](#) [cool fossils](#)

Images

Maps

Videos

News

Shopping

Books

More

Any time Past 24 hours Past week Custom range...

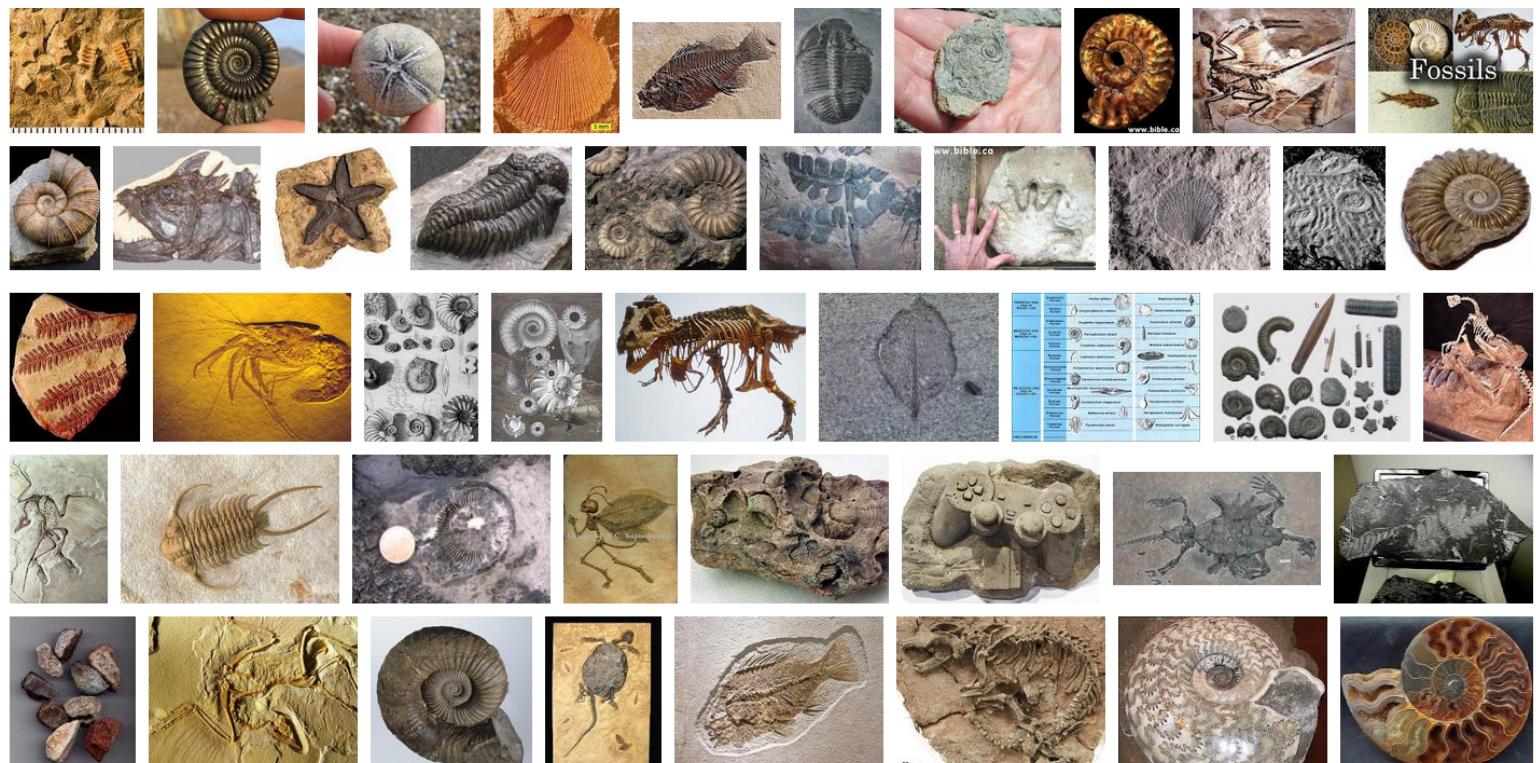
All results By subject

Any size Large Medium Icon Larger than... Exactly...

Any color Full color Black and white



Any type Face



The image shows a Google search results page for the query "fossils". The search bar at the top contains "fossils". Below the search bar, it says "About 38,300,000 results (0.24 seconds)". On the left, there are navigation links for "Web", "Images" (which is selected), "Maps", "Videos", "News", "Shopping", "Books", and "More". Under "Images", there are filters for "Any time", "All results", "Any size", "Any color", and "Any type". The "Any color" section includes a "Full color" option and a "Black and white" option, along with a color palette icon. The main content area displays a grid of approximately 40 fossil images, including various types of shells, bones, and rock specimens. Some images are labeled with sources like "www.bible.co". The overall layout is typical of a Google search interface.

Filter image results by color

Google Sign in

Search About 13,500,000 results (0.41 seconds) SafeSearch

Web Images Maps Videos News Shopping Books More

Any time Past 24 hours Past week Custom range...

All results By subject

Any size Large Medium Icon Larger than... Exactly...

Any color Full color Black and white

Gray Related searches: [dinosaur fossils](#) [fossils in rocks](#) [fish fossils](#) [animal fossils](#) [fossils for kids](#) [cool fossils](#)



Colors imply context

- How can a color help filter the results?

Google Sign in

Search About 92,600,000 results (0.49 seconds) SafeSearch

Everything Related searches: tesla suv nikola tesla tesla coil tesla car tesla roadster tesla wallpaper

Images

Maps

Videos

News

Shopping

More

Any time

Past 24 hours

Past week

Custom range...

All results

By subject

Any size

Large

Medium

Icon

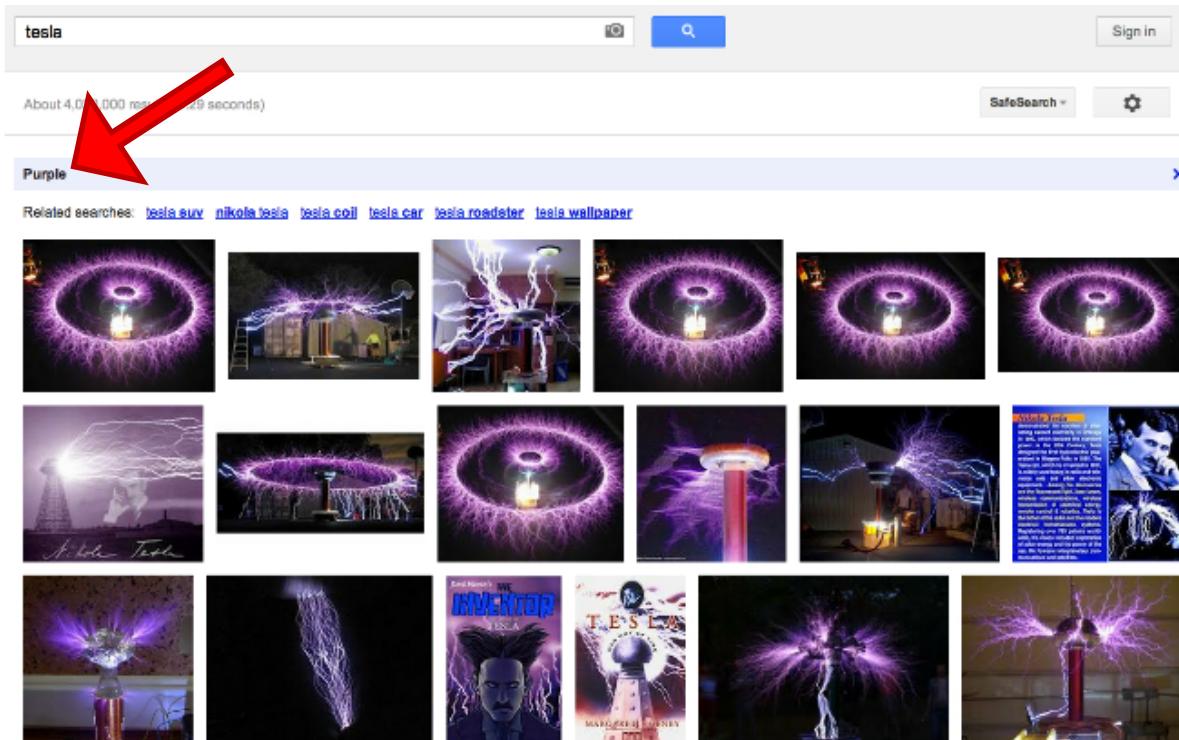
Larger than...

Exactly...

Any color

Filter on purple

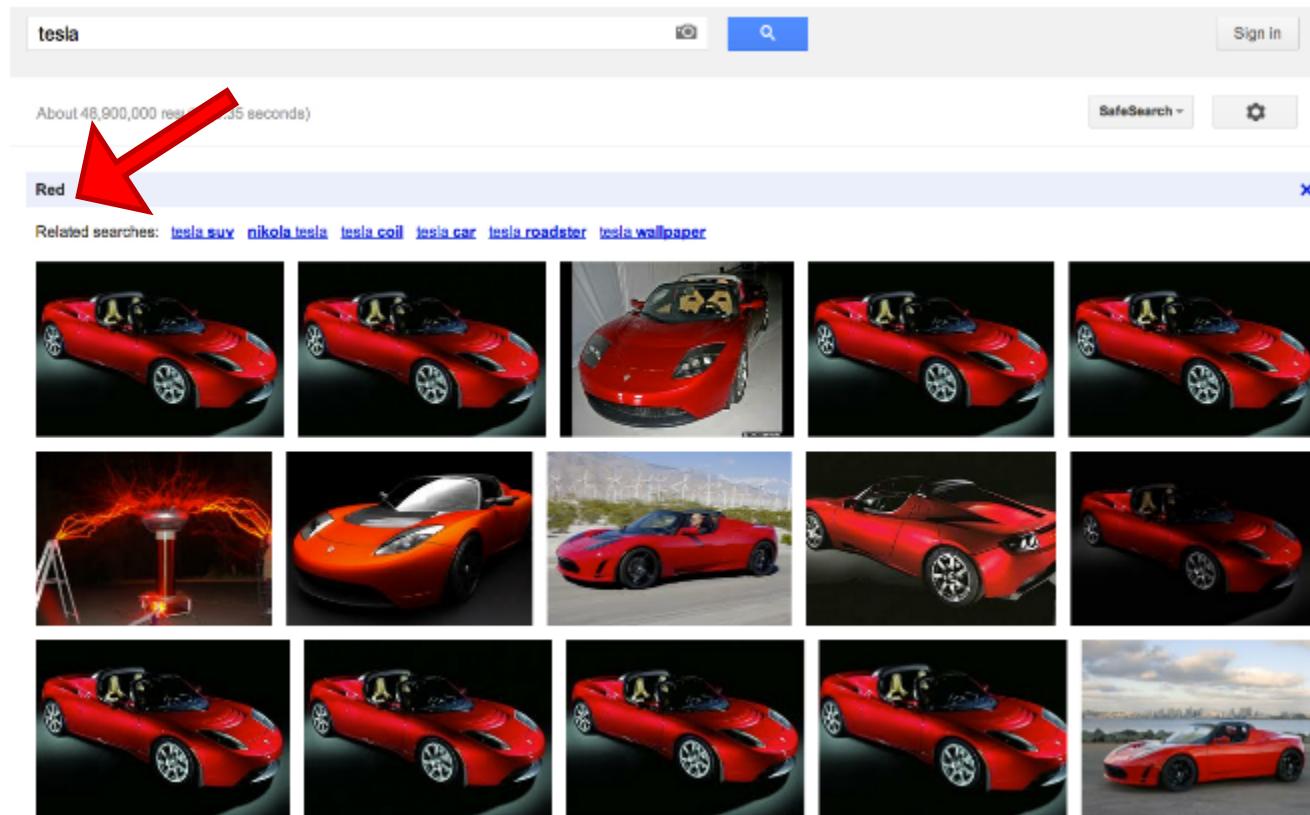
- Electrical discharge ...



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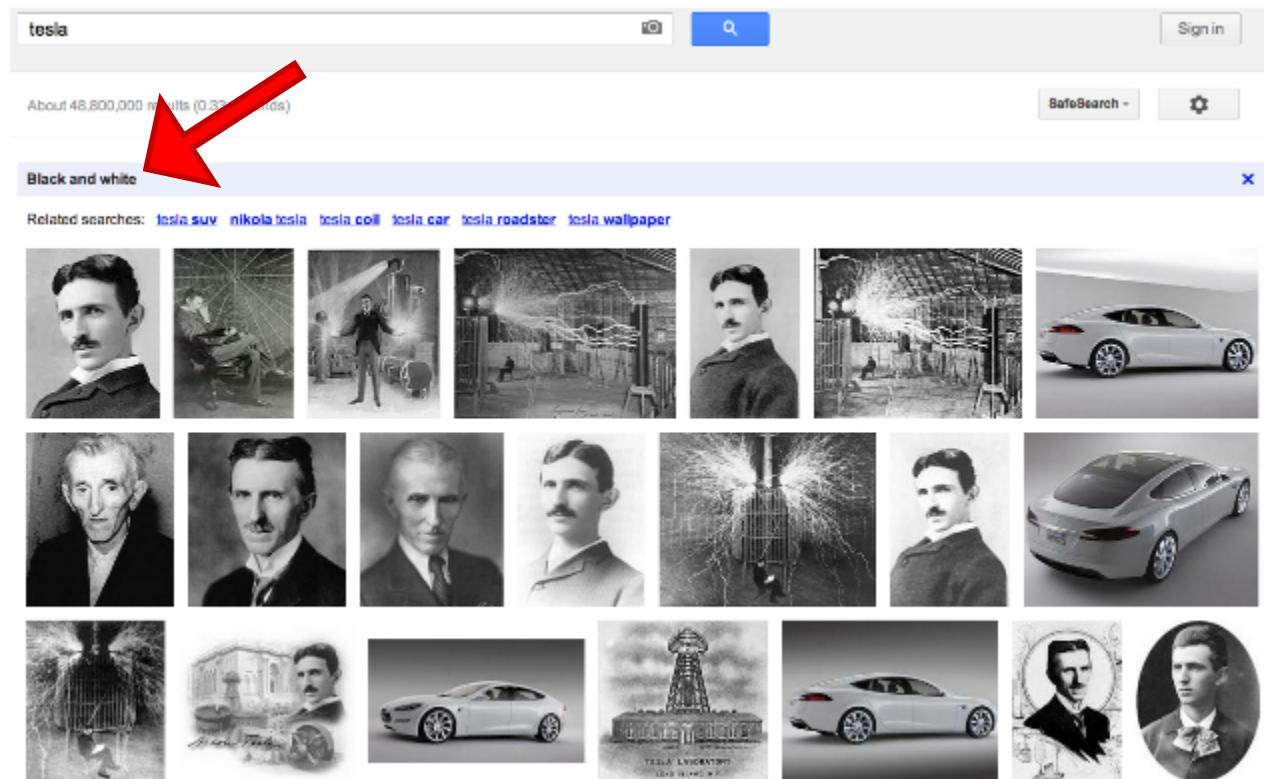
Filter on red...

- Sports cars ...



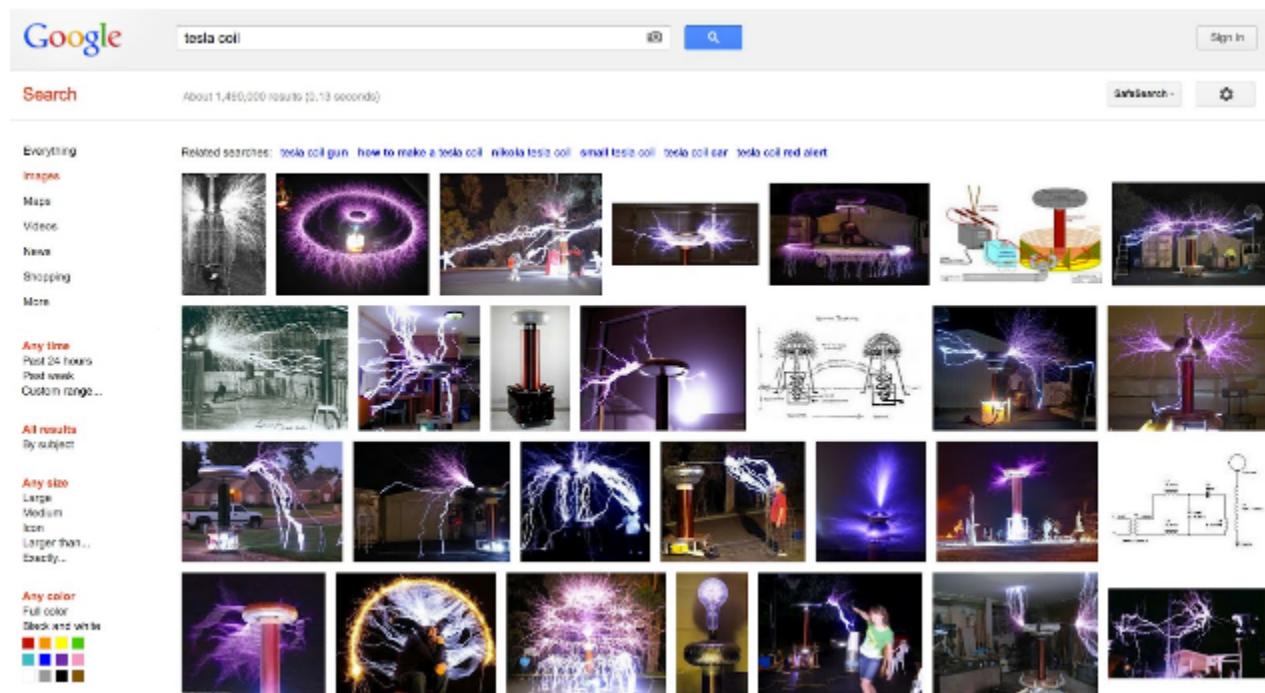
Filter on black-and-white

- Black-and-white for archival images ...



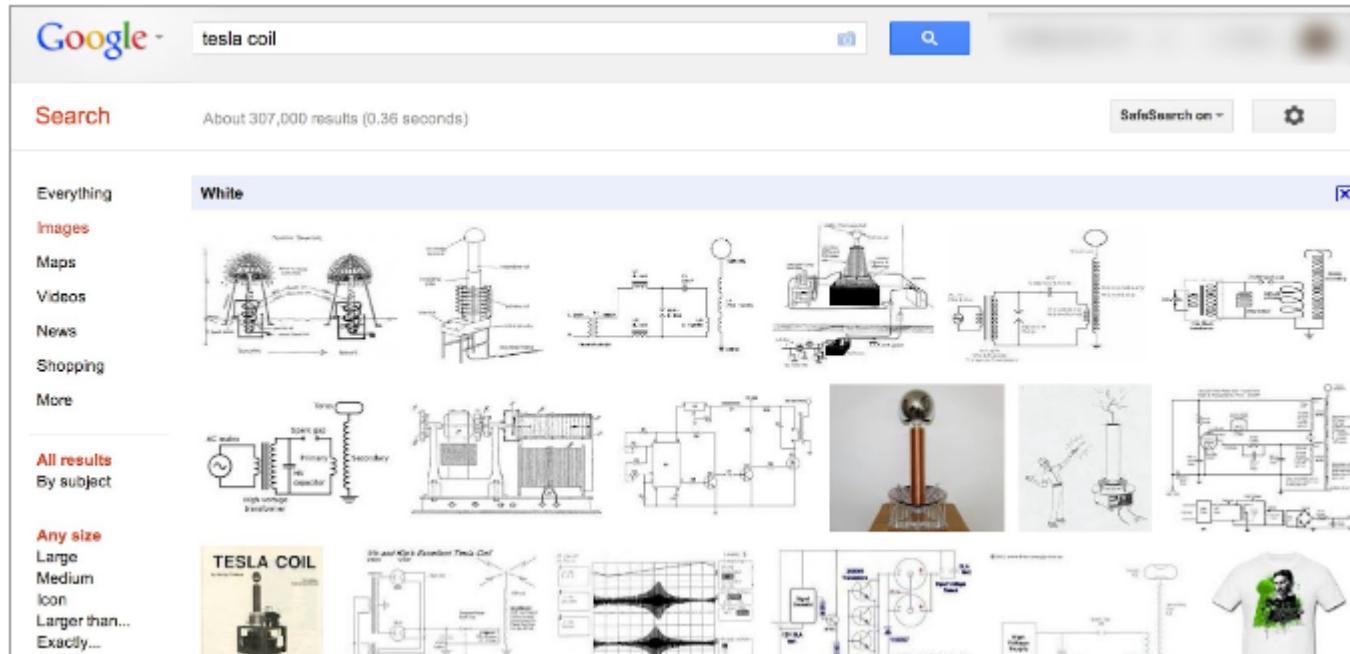
Modify the search slightly ...

- Change the query to [**tesla coil**]



Filter on color to find diagrams

- The query is still [**tesla coil**]
- The color filter is black-and-white



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Try it yourself ...

- Now try the Lesson 1.2 Activity
- See if you understand how image color filtering works!