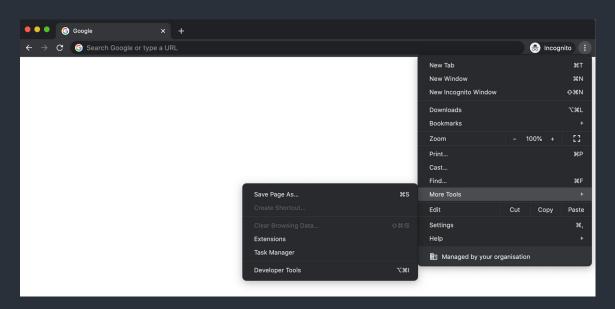
DevTools

Built-in tools in all modern web browsers

- Debugging
- Prototyping
- Analysing

Open DevTools

Main menu - More Tools - Developer Tools



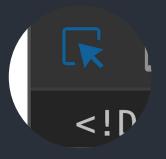
Shortcuts

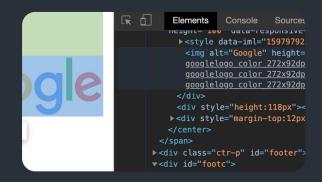
Mac: Command + Option + I

Windows: Control + Shift + I

Select Element

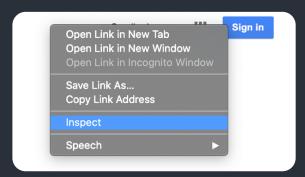
Select an element in the page



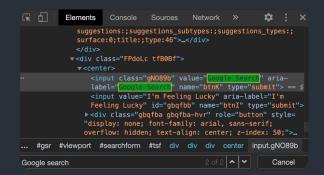


Elements panel

Context menu - Inspect



Search



Edit DOM

- Edit a node: double click on tag/attribute/content
 - Tag
 - Attributes
 - Content
- Delete a node: select a node press "Delete"
- Reorder nodes: select a node drag
- Hide a node: select a node press "H"

```
ass="FPdoLc tfB0Bf">
er>
out class="gN089b" value="Google Search"
a-label="Google Search" name="btnK" type=
omit"> == $0
put value="I'm Feeling Lucky" aria-label=
n Feeling Lucky" id="gbqfbb" name="btnI"
e="submit">
v class="gbqfba gbqfba-hvr" role="button"
.v class="FPdoLc tfB0Bf">
center>
 <input class="gN089b" value="Enter..." ar.</pre>
 label="Google Search" name="btnK" type=
 "submit"> == $0
 <input value="I'm Feeling Lucky" aria-lab</pre>
 "I'm Feeling Lucky" id="gbgfbb" name="btn
 type="submit">
<div class="gbqfba gbqfba-hvr" role="butt</pre>
```

Force State

States

- active
- hover
- focus
- visited
- focus-within

```
<input class</pre>
                                     "Google Search" aria-labe
                  Add attribute
 Search" name
                  Edit attribute
                                     bmit"> == $0
                  Edit as HTML
 <input class</pre>
                                     "I'm Feeling Lucky" aria—
                  Delete element
 Feeling Luck
                                     ype="submit" jsaction="sf
                  Copy
:/center>
                  Hide element
div>
                                       :active
                  Force state
                  Break on
                                       :hover
                                       :focus
le data-iml="
                                                  size:8pt;margin
                  Expand recursively
                                       :visited
                  Collapse children
-16px;positio
                                       :focus-within
                  Scroll into view
jsname="JUyp
                                     'IvlUe" class="JUypV" data
                  Focus
t="async_id:c
                                     :0;card_id:;entry_point:0;
                  Store as global variable
e_id:;ftoe:0;
                                     _spam_form:0;open:0;
                  Speech
ect answer in
                            ns:;suggestions_subtypes:
```

Styles tab

A part of Elements panel which allows to manipulate with the styles of the selected element

Allows to:

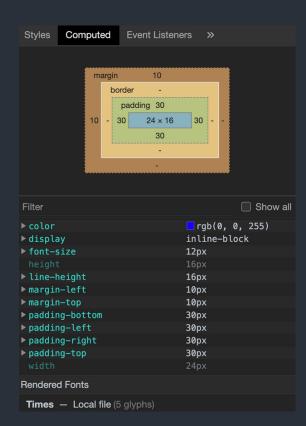
- See all the style rules applied to an element
- Add/delete properties
- Change the value of the property
- Add new style rules

```
Computed
                     Event Listeners
Styles
                          :hov .cls +
Filter
element.style {
  margin-top: 10px;
  margin-left: 10px;
.class2 .class3 {
                             styles.css:6
  padding: ▶ 30px;
.class3 {
                            styles.css:15
  display: inline-block;
  padding: ▶ 20px;
.class2, .class3 {
                            styles.css:11
  line-height: 16px;
Inherited from div.class1
.class1 {
                             styles.css:1
  color: | blue:
  font-size: 12px;
```

Computed styles

Shows all the styles which are actually applied to the selected element

Shows the box model for the selected element



Name/value hints

DevTools will shows the hints when you start to type properties name/value

Property hint

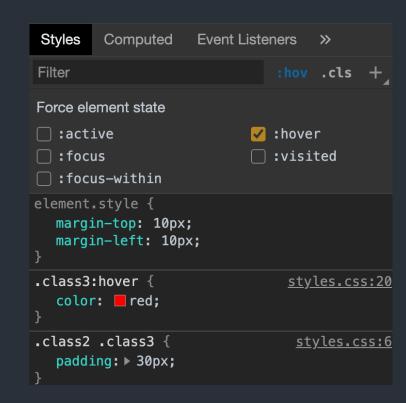
```
.class2 .class3 {
padding: ▶ 30px;
  margin: ;
  margin
.c margin-block-end
  margin-block-start
  margin-bottom
  margin-inline-end
 margin-inline-start
  margin-left
  margin-right
In margin-top
.c max-block-size
  max-height
  max-inline-size
  max-width
  margin: auto
  margin-block-end: auto
  margin-block-start: auto
```

Value hint

```
.class2 .class3 {
  padding: ▶ 30px;
  display: block;
           block
.class3 {
           inline-block
  display: inline-table
  padding: table
            table-caption
.class2, .c table-cell
  line-heigtable-column
            table-column-group
Inherited from table-footer-group
           table-header-group
.class1 {
  color: table-row
  font-sizetable-row-group
```

Element state

You can force the state of the selected element in the Style tab and see the style rules applied to this state



More style tools

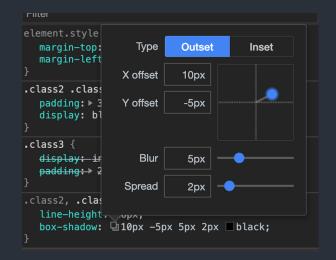
Chrome has more tools which helps to set the correct values of the properties



Color picker

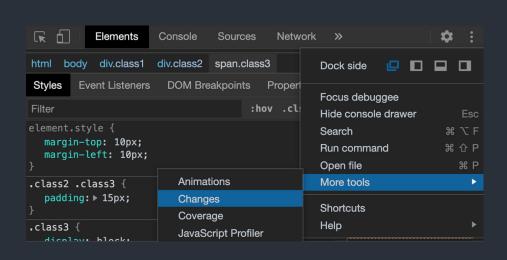


Box shadow



Local changes

In the settings of DevTools you can find more tools, e.g. Changes which shows all the local changes you did



```
Console
          Changes ×
styles.css
                                 padding: 30px;
                                 padding: 15px;
                     10 10
                               ( ... Skipping 2 matching lines ... )
                     12 12
                     13 13
                     14 14
                     15 15
                                 display: inline-block;
                        16 +
                                 display: block;
                     18 18
                     19 19
                     2 insertions (+), 2 deletions (-)
```