

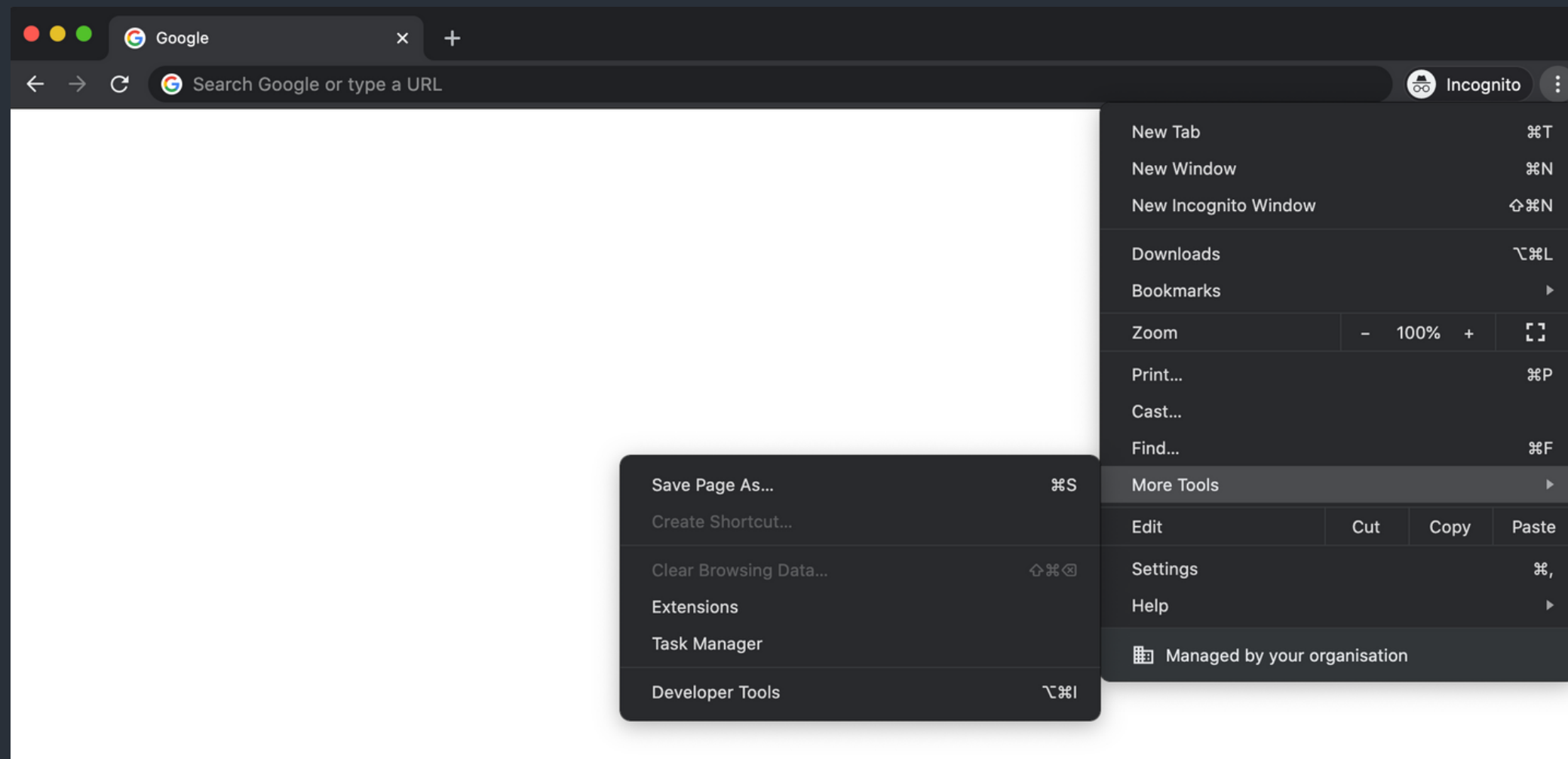
# DevTools

Built-in tools in all modern web browsers

- Debugging
- Prototyping
- Analysing

# Open DevTools

Main menu - More Tools - Developer Tools



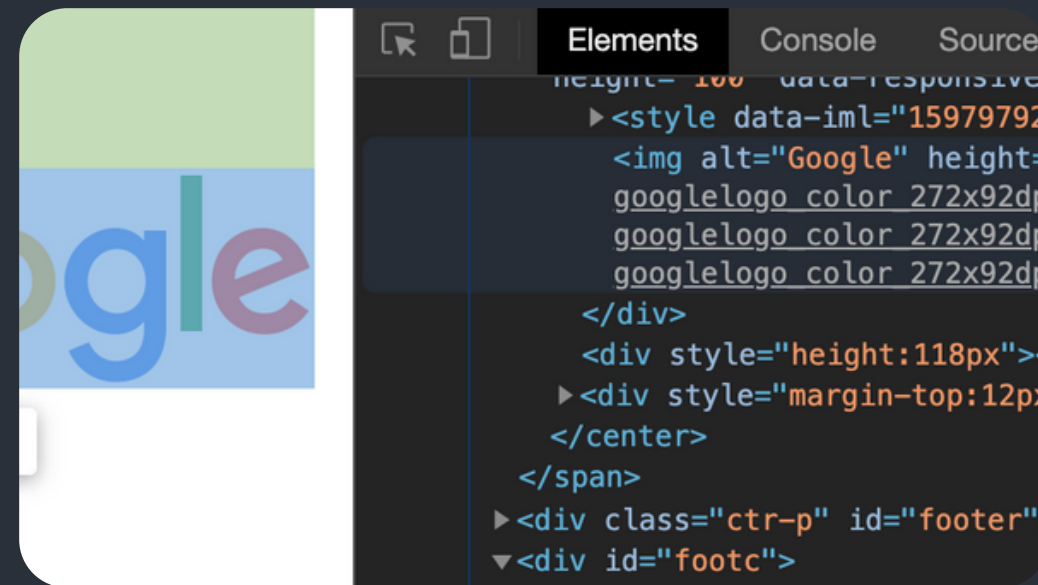
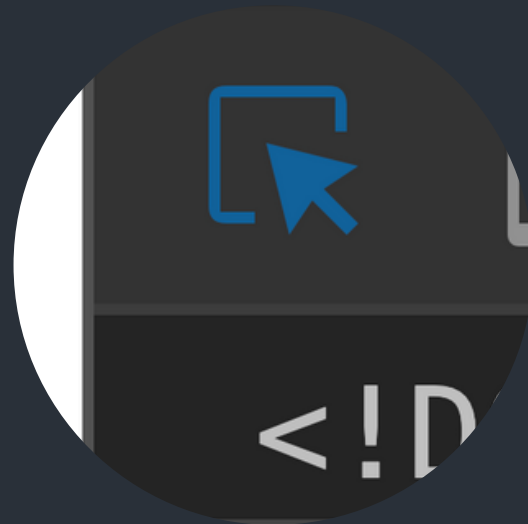
## Shortcuts

Mac: Command + Option + I

Windows: Control + Shift + I

# Select Element

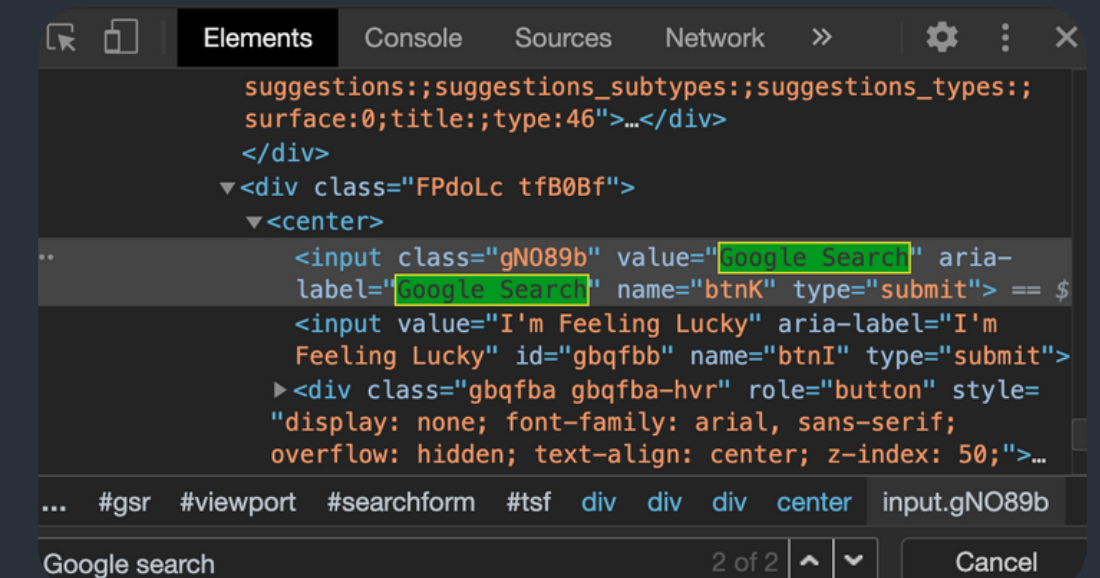
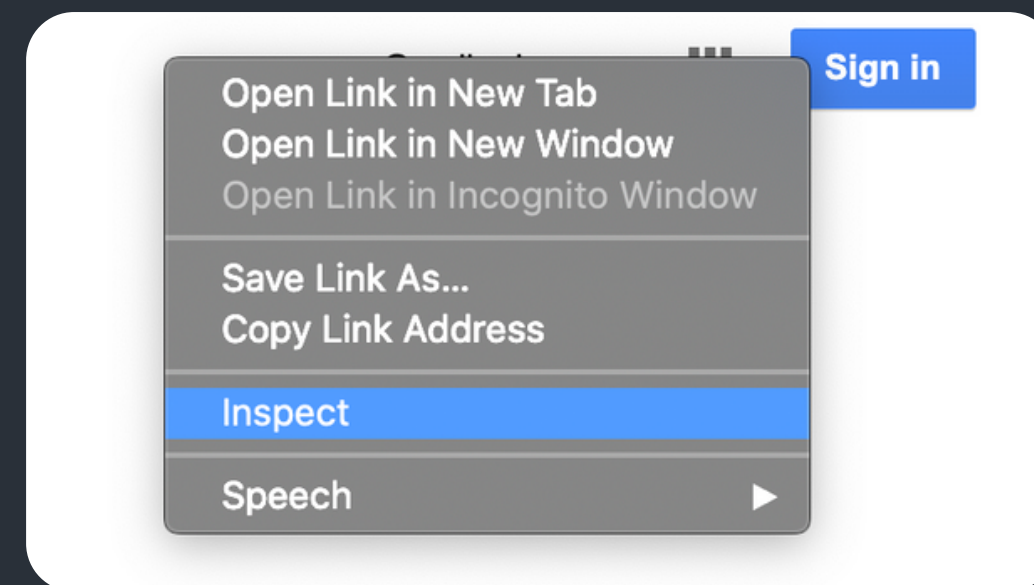
Select an element in the page



Elements panel

Search

Context menu - Inspect



# 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"**

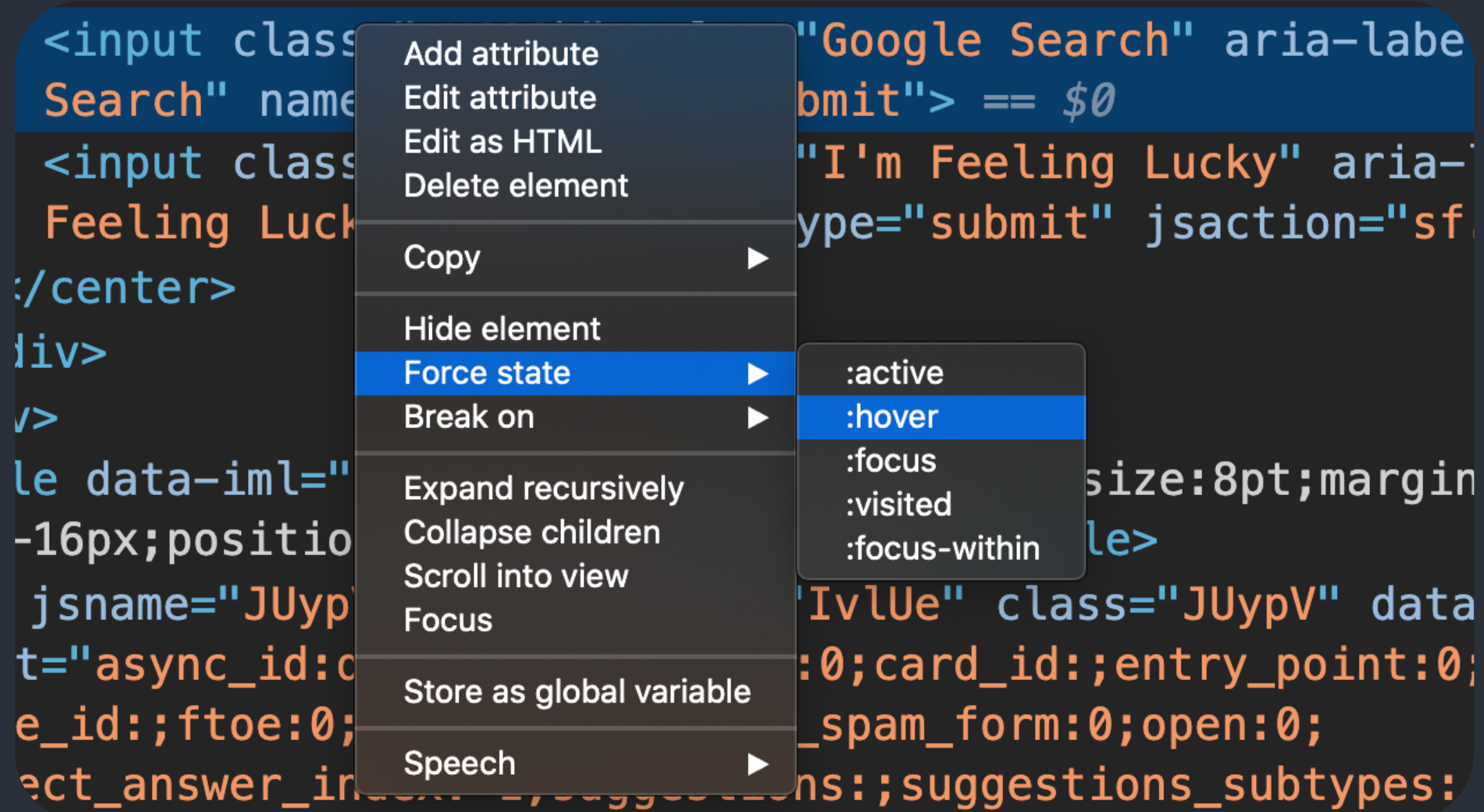
```
class="FPdoLc tfB0Bf">  
er>  
out class="gN089b" value="Google Search"  
a-label="Google Search" name="btnK" type=  
omit"> == $0  
out value="I'm Feeling Lucky" aria-label=  
n Feeling Lucky" id="gbqfbb" name="btnI"  
e="submit">  
/ class="gbqfba gbqfba-hvr" role="button"
```

```
div>  
v class="FPdoLc tfB0Bf">  
center>  
<input class="gN089b" value="Enter..." ar  
label="Google Search" name="btnK" type=  
"submit"> == $0  
<input value="I'm Feeling Lucky" aria-lab  
"I'm Feeling Lucky" id="gbqfbb" name="btn  
type="submit">  
<div class="gbqfba gbqfba-hvr" role="butt
```

# Force State

## States

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





# 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

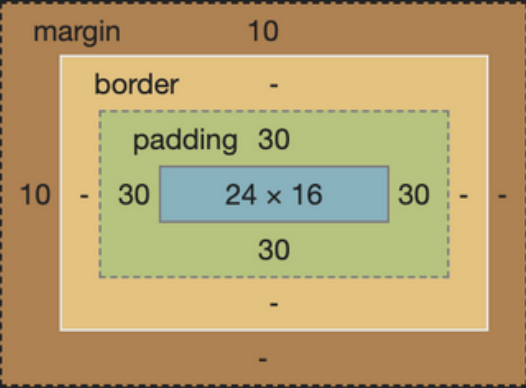


# Computed styles

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

Shows the box model for the selected element

Styles Computed Event Listeners >>



The diagram illustrates the box model for a selected element. It consists of four nested rectangles: a blue outermost rectangle representing the margin (10px), an orange rectangle representing the border, a green rectangle representing the padding (30px), and a light blue innermost rectangle representing the content (24 x 16). The dimensions are labeled around the rectangles: margin 10, border -, padding 30, and content 24 x 16.

Filter ☐ Show all

- ▶ color ■ rgb(0, 0, 255)
- ▶ display inline-block
- ▶ font-size 12px
- height 16px
- ▶ line-height 16px
- ▶ margin-left 10px
- ▶ margin-top 10px
- ▶ padding-bottom 30px
- ▶ padding-left 30px
- ▶ padding-right 30px
- ▶ padding-top 30px
- width 24px

Rendered Fonts

Times — Local file (5 glyphs)

# Name/value hints

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

## Property hint

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

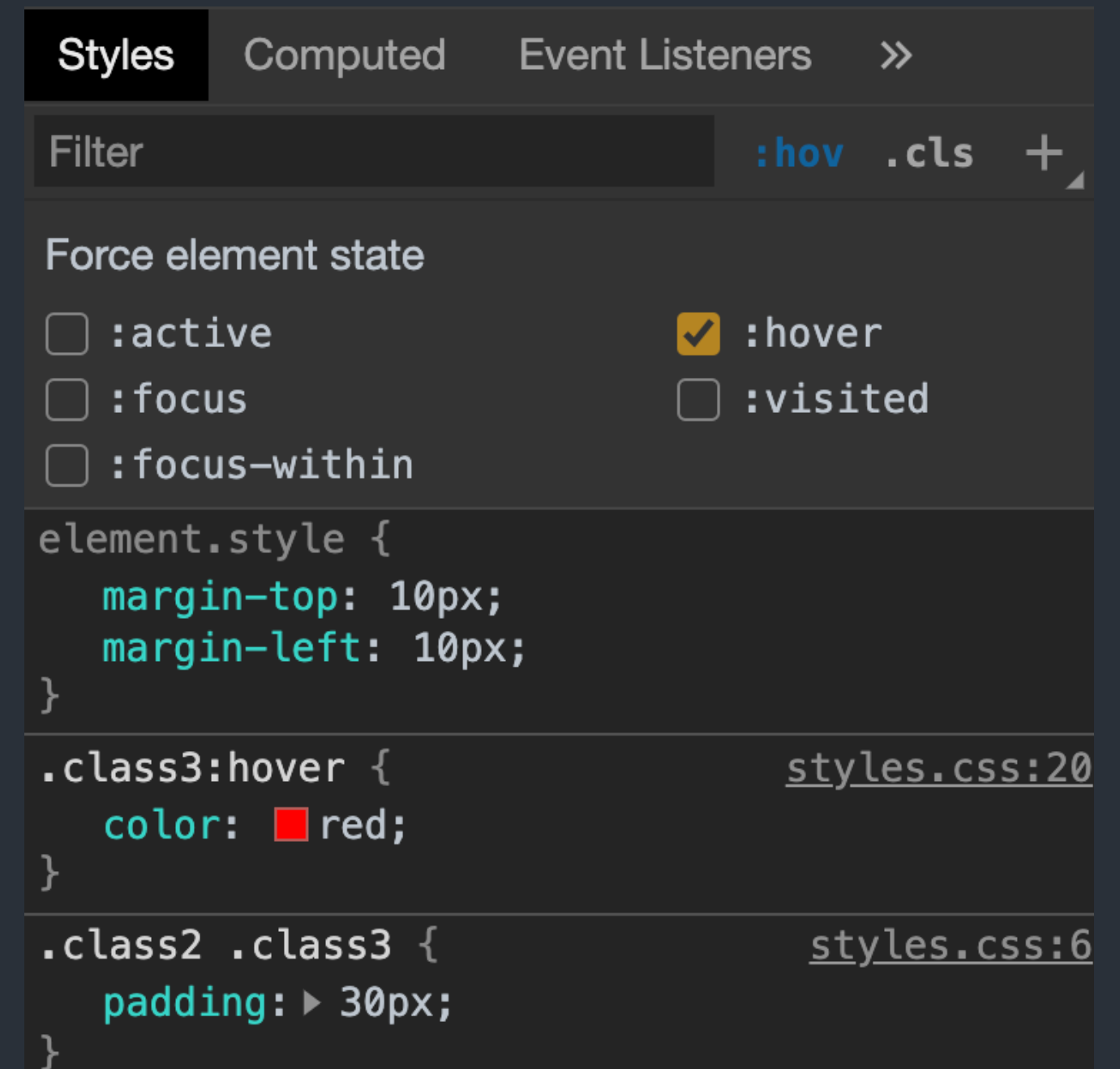
## Value hint

```
.class2 .class3 {  
  padding: 30px;  
  display: block;  
}  
display: block  
display: inline-block  
display: inline-table  
display: table  
display: table-caption  
display: table-cell  
display: table-column  
display: table-column-group  
display: table-footer-group  
display: table-header-group  
display: table-row  
display: table-row-group  
display: inline-block  
display: inline-table  
display: table  
display: table-caption  
display: table-cell  
display: table-column  
display: table-column-group  
display: table-footer-group  
display: table-header-group  
display: table-row  
display: table-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



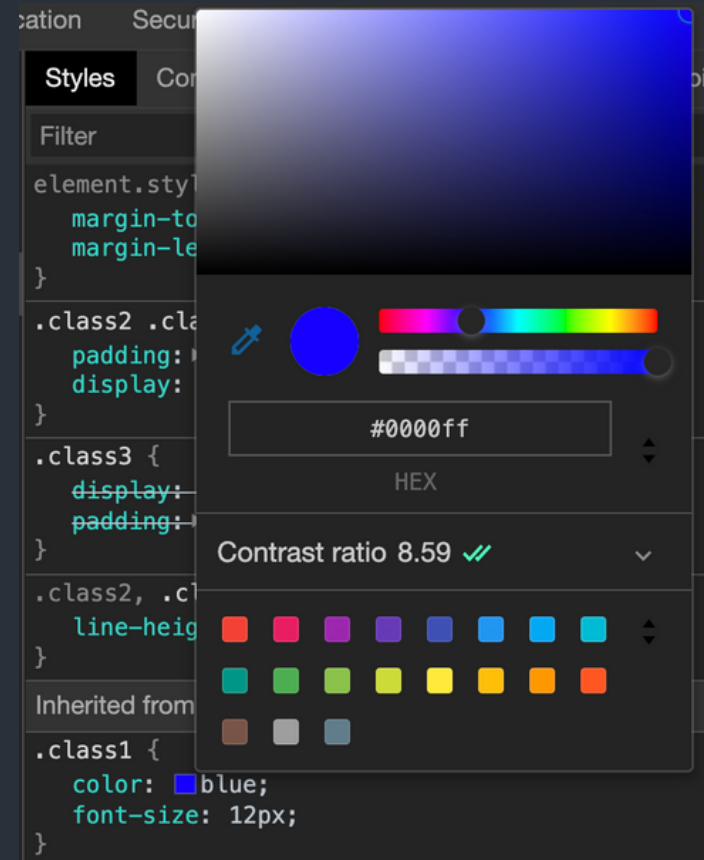
# More style tools

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

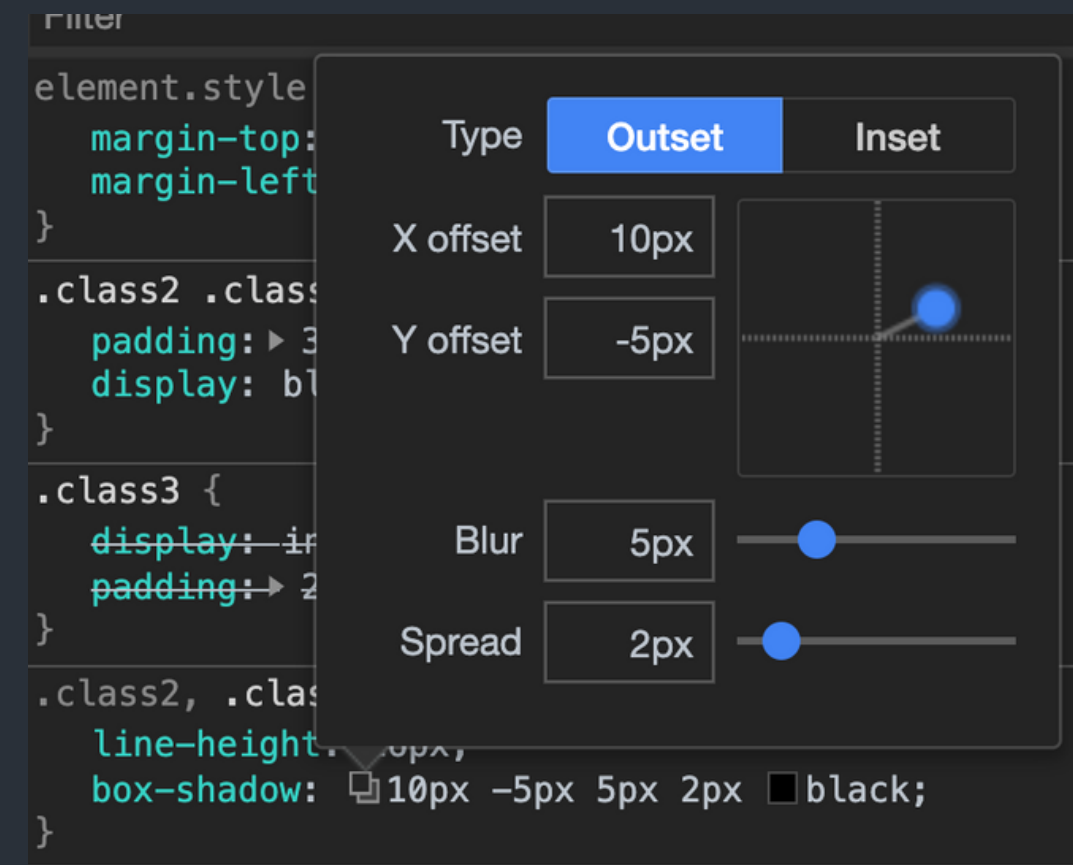
```
.class2 .class3 {  
  ✓ padding: 30px;  
}
```

styles.css:6

## 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

