

Cascading Style Sheets (CSS)

Inheritance

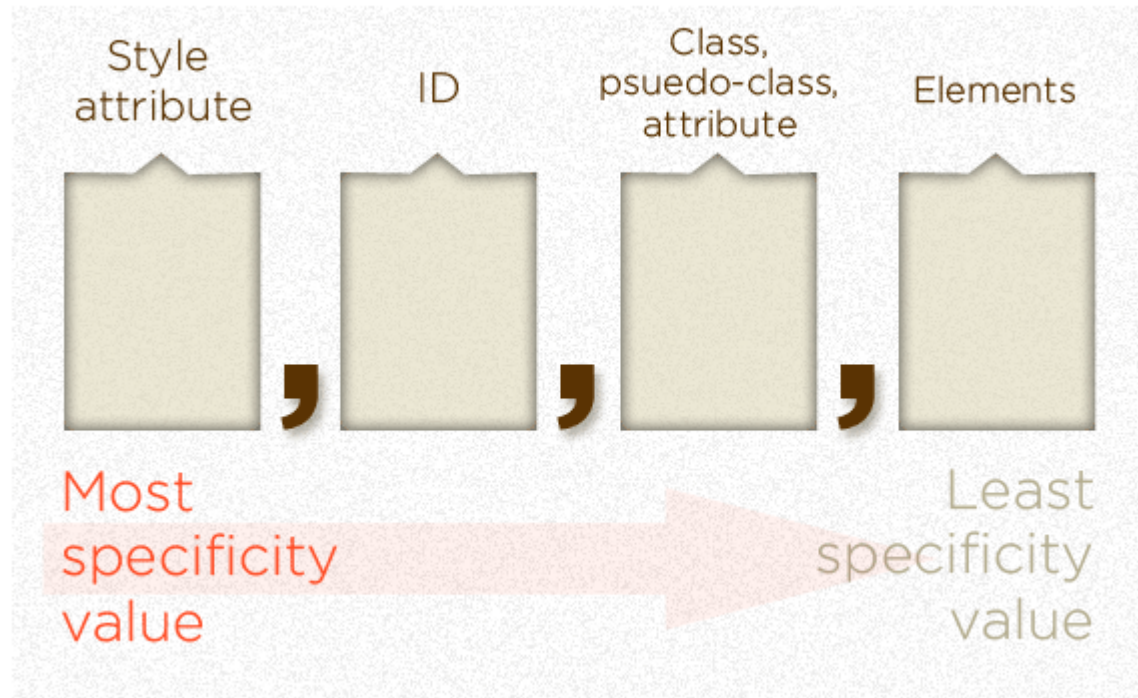


Inheritance

- Some properties are passed on from parent to child
- Which?
 - [Stack overflow](#)
 - [w3.org](#)

```
Inherited from div#inheritance-demo  
  
#inheritance-demo { style.css:1  
    font-family: "Montserrat", sans-serif;  
    color: ■crimson;  
    font-style: italic;  
    text-align: center;  
    text-transform: uppercase;  
    text-shadow: 1px 1px 0px ■#600517;  
    font-size: 30px;  
    border: ▶5px solid ■crimson;  
    border-radius: ▶5px;  
    background-color: □#FBE0E5;  
    width: 600px;  
    margin: ▶0 auto;  
}
```

Specificity



In otherwords:

- If the element has inline styling, that automatically¹ wins (1,0,0,0 points)
- For each ID value, apply 0,1,0,0 points
- For each class value (or pseudo-class or attribute selector), apply 0,0,1,0 points
- For each element reference, apply 0,0,0,1 point

<https://css-tricks.com/specifics-on-css-specificity/>

Rules of Specificity

When two CSS rules target the same element:

1. Higher specificity wins
2. If equal specificity, last style rule wins
3. !important beats everything

Specificity Calculator

Specificity Calculator
A visual way to understand [CSS specificity](#). Change the selectors or paste in your own.

`#main-nav .nav-links`

0	1	1	0
Inline styles	IDs	Classes, attributes and pseudo-classes	Elements and pseudo-elements

+ Duplicate

`#main-nav a`

0	1	0	1
Inline styles	IDs	Classes, attributes and pseudo-classes	Elements and pseudo-elements

+ Duplicate

<https://specificity.keegan.st/>

Centering Anything

Absolute + Relative

Is the element of unknown width and height?

If you don't know the width or height, you can use the transform property and a negative translate of 50% in both directions (it is based on the current width/height of the element) to center:

CSS

```
.parent {  
  position: relative;  
}  
.child {  
  position: absolute;  
  top: 50%;  
  left: 50%;  
  transform: translate(-50%, -50%);  
}
```

CSS-Tricks [Complete Centering Guide](#)