CSS Specificity

- description : CSS Specificity
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- lastupdate : 2021-04-21

What is Specificity?

CSS   ,
.

(specificity)   /
.

(global selector) (*)   , ID   !

Note:
CSS   ,
.

Specificity Hierarchy

(Specificity Hierarchy)   .
.

Inline styles -   .
 : <h1 style="color: #ffffff;">.

IDs - ID   #navbar   ,   .

Classes, attributes and pseudo-classes
-                .classes, [attributes]   :hover, :focus   (pseudo-classes)
   .

Elements and pseudo-elements
-                        h1, div, :before   :after   (pseudo-elements)   .

How to Calculate Specificity?

.

O   ,   1000
 ID   100   ,   10   ,
                                        1   .

                                        .

```
A: h1
B: #content h1
C: <div id="content"><h1 style="color: #ffffff">Heading</h1></div>
```

A   : 1   (h1)   A   1
B   : 1   ID   1   B   101
C   : inline styling   , C   1000

1 < 101 < 1000   ,   (C)   ,   (C)   .

Specificity Rules

                              :   .
-
                                        ,
                    .

```
<!DOCTYPE html>
<html lang="en">
<head>
  <style>
    h1 {background-color: crimson;}

    h1 {background-color: yellowgreen;}  // This color is applied.
  </style>
</head>
<body>
  <h1>This is heading 1</h1>
</body>
</html>
```

CSS   .

ID   . -   .

```
<!DOCTYPE html>
<html lang="en">
<head>
  <style>
    div#a {background-color: green;}

    #a {background-color: yellow;}

    div[id=a] {background-color: blue;}
  </style>
</head>
<body>
  <div id="a">This is a div.</div>
</body>
</html>
```

, CSS   .

(Contextual selectors)   .
-html   ,
.

==== **==== <code css> From external CSS file: #content h1 {background-color: red;}
In HTML file: <style> #content h1 { background-color: yellow; } </style> </code>**
HTML   CSS   .

- .intro   h1, p, div   .
==== **==== <code css> <!DOCTYPE html> <html> <head> <style> .intro
{background-color: yellow;} h1 {background-color: red;} </style> </head> <body> <h1
class="intro">This is a heading</h1> </body> </html> </code>**
(universal selector)   O   **
- *, body *   O   .   O   .

, CSS, Specificity