CSS Specificity

- description : CSS Specificity
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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?

.

0   ,   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   . -   .


```html
<!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   ,
                                          .


```
From external %%CSS%% file:
#content h1 {background-color: red;}

In %%HTML%% file:
<style>
#content h1 {
  background-color: yellow;
}
</style>
```


              HTML   CSS   .

- .intro   h1, p, div   .

```
<!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>
```

(universal selector)   O

- *, body *   O   .   O   .

, CSS, Specificity

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