

## CSS SPECIFICITY

CSS can be implement in **3** ways:

1. Inline CSS
2. Internal CSS (Embedded CSS)
3. External CSS

**Inline CSS:** In this method CSS styles are directly applied within an HTML element using the **style** attribute.

**Internal CSS:** In this method CSS styles are directly applied within an HTML document .

- The styles are placed inside a **<style>** tag, which is located within the **<head>** section of the HTML document.

**External CSS:** In this method CSS styles are applied to HTML documents by linking to an external CSS file.

- The styles are defined in .css file, and then it is linked to one or more HTML document using the **<link>** tag inside the **<head>** section.

### SPECIFICITY:

1. Inline CSS has the more specificity compared to the Internal CSS and External CSS.
2. Internal CSS has the more specificity compared to the External CSS.
3. External CSS has the least specificity compared to the External CSS and Internal CSS.

So Among these three :

**Inline CSS** has the more specificity.

## SELECTORS SPECIFICITY

### Simple/Basic Selectors:

1. Tag name selector
2. Class name selector
3. Id name selector
4. Grouping selector
5. Universal selector

**Tag name selector:** To select elements by their tag names, we use the tag name directly as the selector in CSS.

**Ex :**

```
h1 {  
  color: blue;  
  font-size: 16px;  
}
```

**Class Name Selector:** To select elements by their class name, we use a dot (.) followed by the class name in your CSS.

**Ex :**

```
.class {  
  color: blue;  
  font-size: 16px;  
}
```

**Id Name Selector:** To select an element by its ID, we use a hash (#) followed by the ID value in your CSS.

```
#id1 {  
  color: blue;  
  font-size: 16px;  
}
```

**Grouping Selector:** To group selectors together, we separate them with a comma (,).

```
h1, h2, h3 {  
  color: blue;  
  font-size: 16px;  
}
```

**Universal Selector:** The universal selector is denoted by an asterisk (\*) and is used in CSS selectors:

```
* {  
    color: blue;  
    font-size: 16px;  
}
```

In simple selectors compared to all selectors **#id** selector has the more specificity.