

CSS

- It is the language use to style a Web page.
- CSS: Cascading Style Sheets

Why use CSS?

- HTML never contains tags for formatting a web page, for solve this problem we include CSS in HTML web pages.

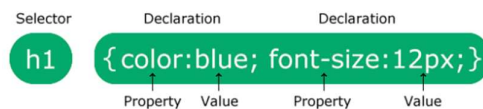
Three ways to insert CSS:

- External CSS
- Internal CSS
- Inline CSS

Priority of follow inserted CSS code: (use when more than one style code written for same HTML element):

Inline CSS > **External & Internal CSS** > **Browser default**

CSS Syntax:



- selector: point to HTML element
- declaration: contains one or more CSS declaration separated by semicolons, which include CSS property name: it's value.

CSS Selector:

https://www.w3schools.com/cssref/css_selectors.php

CSS color:

- for background color = background-color: (value of color);
- for font color = color: (value of color);
- for border style = border: (size in px for make it responsive) (width type) (color value);
- color type:
 - rgb(red color range, green color range, blue color range)
 - #(color code)
 - rgba
 - hsla
 - hsl

CSS margin:

- margin-left
- margin-right
- margin-top
- margin-bottom
- margin: top bottom right left

CSS padding:

- CSS padding is a property used to add space between an element's content and its border.
- Padding: top, right, bottom, left
- Padding-left
- Padding-right
- Padding-top
- Padding-bottom

box-shadow:

```
.box {  
    box-shadow: 2px 3px 2px rgba(0, 0, 34, 0.3);  
}
```

Horizontal offset: 2px

Vertical offset: 3px

Blur radius: 2px

Color: rgba(0, 0, 34, 0.3)

Media Queries:

- @media rule: it specifies the different style rule for different media type.
- **Media type:**

Value	Description
all:	Used for all media type devices
print:	Used for print preview mode
screen:	Used for computer screens, tablets, smart-phones etc.
- **Media features:**

Value	Description
orientation:	Orientation of the viewport. Landscape or portrait
max-height:	Maximum height of the viewport
min-height:	Minimum height of the viewport
height:	Height of the viewport (including scrollbar)
max-width:	Maximum width of the viewport
min-width:	Minimum width of the viewport
width:	Width of the viewport (including scrollbar)
- Meaning of the **not**, **only**, and **and** keywords:
 - not:** This keyword inverts the meaning of an entire media query.
 - only:** This keyword prevents older browsers that do not support media queries from applying the specified styles. **It has no effect on modern browsers.**
 - and:** This keyword combines a media type and one or more media features.