**Style**

***CSS introduction:***

**Module 1: CSS2-Introduction**

* Benefits of CSS
* CSS Versions History
* CSS Syntax
* External Style Sheet using < link >
* Multiple Style Sheets
* Value Lengths and Percentages

**Module 2: CSS2-Syntax**

* CSS Syntax
* single Style Sheets
* Multiple Style Sheets
* Value Lengths and Percentages

**Module 3: CSS2-Selectors**

* ID Selectors
* Class Selectors
* Grouping Selectors
* Universal Selector
* Descendant / Child Selectors
* Attribute Selectors
* CSS - Pseudo Classes

**Module 4: CSS2-Color Background Cursor**

* background-image
* background-repeat
* background-position
* CSS Cursor

**Module 5: CSS2-Text Fonts**

* color
* background-color
* text-decoration
* text-align
* vertical-align
* text-indent
* text-transform
* white space
* letter-spacing
* word-spacing
* line-height
* font-family
* font-size
* font-style
* font-variant
* font-weight

**Module 6: CSS2-Lists Tables**

* list-style-type
* list-style-position
* list-style-image
* list-style
* CSS Tables
  + border
  + width & height
  + text-align
  + vertical-align
  + padding
  + color

**Module 7: CSS2-Box Model**

* Borders & Outline
* Margin & Padding
* Height and width
* CSS Dimensions

**Module 8: CSS2-Display Positioning**

* CSS Visibility
* CSS Display
* CSS Scrollbars
* CSS Positioning
  + Static Positioning
  + Fixed Positioning
  + Relative Positioning
  + Absolute Positioning
* CSS Layers with Z-Index

**CSS Floats**

* The float Property
* The clear Property
* The clear fix Hack

1. Intro to Cascading Style Sheets (CSS)

* style tag
* Tag selectors
* font-size, font-family, color, line-height properties
* Hexadecimal color

1. CSS class selectors

* Class attributes
* CSS class selectors
* Span tag
* CSS opacity

**CSS (Cascading Style Sheet)**

Created and maintained W3C. (CSS working group)

Ways to use:

* 1. Inline
  2. Internal
  3. External
* **Class and Id:** with the help of we can access the element and can style of them.

**Class**: class selector is used to specify a style for a group of elements.

**Id:** the ID selector is used to specify a style for a single unique element.

* **Universal operator**

In hole web page styling.

\* {

    margin: 0;

    padding: 0;

}

* **Background color, Image, repeat:**

Background color and image in the web page. But by default image is repeat so use **background-repeat**: **’no-repeat’** property.

Repeat :

No-repeat: image in not repeat.

Repeat-x : image repeat only x direction only.

 background-color: #778ca3;

background-image: url('Photo/1.png');

background-repeat: no-repeat;

 background-repeat: repeat-y; /\* repeat in y direction only \*/

* **Background-image for ‘linear-gradient’**

Combination of two or more colour.

    background-image: linear-gradient(red, blue, yellow);           /\* combination of 2 or more colors \*/

* **Background size :**

Perfectly set image in the webpage.

background-size: 100% 100%;

* **Background attachment:**

It is used to fixed the image or colour (control the scrolling of an image) in the background.

background-attachment: fixed;

* **Text colour:**

Three way:

* + 1. Directly colour [red]
    2. Hexadecimal value [6 digi]
    3. RBG value [0 - 255]

color: red;

color: #778ca3;

color: rgb(177, 175, 50);

* **Width and height:**

20%, 90px or 90, 100vh(complete screen width)

width: 100%;

height: 100vh;

width: 20;

* **Fonts: edit font**

Font-family (change font face),

font-variant (capital or small fonts),

font-size (size of the text [px, em, rem]),

font-weight (bold, light or 100-900).

font-style (italic)

text-decoration: underline; ( or <u>..</u> underline text )

 font-family: 'Ubuntu', sans-serif;

 font-variant: small-caps;       /\*reduce size    \*/

 font-size: 1.5em;               /\* font size increase or decrease \*/

 font-style: italic;             /\* font italic \*/

 font-weight: bold;              /\* bold, light font or (100 - 900) \*/

text-decoration: underline;     /\*  underline in the text \*/

* **Text: edit text**

Font-family: (change font face so give link)

Color (change text color)

Letter-spacing (space in text character (px))

Word-spacing (space in the character (px))

Text-indent (space of paragraph)

Text-align (text space “left,right, center”)

Direction (“ltr” or ”rte”)

Text-shadow (horizontal vertical bluer color)

Word-wrap: break-word (use to break word if long the word)

  font-family: 'Ubuntu', sans-serif;;

    color: red;                 /\* text color \*/

    letter-spacing: 3px;                /\* spacing in charactor \*/

    word-spacing: 20px;                 /\* apacing in word \*/

    text-indent: 80px;                  /\* paragraph (starting space)\*/

    text-align: left;                 /\* text in center \*/

    /\* direction: ltr;                     words to be right \*/

    text-transform: uppercase;            /\* every text in uppercase \*/

    text-shadow: 3px 3px 3px blue;   /\*shadow (hori verti shad colo)\*/

* **Link styling**

Link, hover, active, visited

a:link {                /\* not visited \*/

    color: rgb(9, 224, 20);

}

a:hover {               /\* mouse pointer hovering over it \*/

    color: #f50fcf;

}

a:active {              /\* click at that perticular time \*/

    color: rgb(214, 228, 13);

}

a:visited {             /\* already visited \*/

    color: rgb(11, 176, 236);

}

* **Border style: [width style color]**

.border-style {

    background-color: #4a1eb1;

    height: 200px;

    width: 500px;

    border-width: 10px;                 /\* border width \*/

    border-color: yellow;              /\* border color \*/

    border-style: groove;               /\* border style\*/

border-radius: 100px;                   /\* curve in corner\*/

}

Or

border: 5px dashed red;

* **List (ul, ol):**

list-style-type: none;/\* remove buttet points (none, disc, square) \*/

list-style-type : none;

list-style-type : squre;

list-style-type : upper-alpha;

list-style-type : lower-roman;

* **Padding, Margin [top right bottom left]**

border

margin

Padding : internal area

padding



Margin : external area

Hello

.padd\_marg {

    padding: 80px;             /\*  (or) padding: 80px 80px 80px 80px;\*/

    margin-left: 90px;

}

margin: 9px; (OR) margin: 9px 9px 9px 9px;

* **Scrollbars: hide text scroll bar comes.**

Auto (vertical), scroll (horizontal and vartical)

.scroll-bars {

    width: 150px;

    height: 120px;

    border: 3px solid blue;

    overflow: scroll;           /\* scroll bar \*/

}

* **Position (both should in together)**

***Relative*** ([parent] normal position is our position),

***absolute*** ([child] we can move anywhere by “***left=0”*** property)

.main {

    width: 500px;

    height: 300px;

    background-color: aqua;

    position: relative;                 /\* relative or fixed \*/

}

.child1 {

    width: 70px;

    height: 40px;

    background-color: rgb(146, 74, 74);

    position: absolute;                 /\* absolute property is use to move any where \*/

    left: 0;

}

.child2 {

    width: 70px;

    height: 40px;

    background-color: rgb(29, 187, 81);

    position: absolute;

    right: 0;

}

* **Z-index**

Which z-index value is most those div in top.

.child1 {

    width: 70px;

    height: 40px;

    background-color: rgb(146, 74, 74);

    position: absolute;

    left: 0;

    z-index: 1;                             /\* if any div z-index value is 2 then that div top in the this div\*/

}

* **Text in centre (vertically , horizontally)**

**line-height:** 40px it is use for centre the text **vertical**

**text-align:** centre/right; it is use for centre/align Right the text **horizontally**

* **Float:**

use for align the div horizontally, whereas div is block label.

.logo {

    width: 25%;

    line-height: 40px;                  /\* (vertically) line height is use for center the text\*/

    text-align: center;

    background-color: rgb(134, 13, 13);

    float: left;            /\* align in the left side of div \*/

}

.menu {

    width: 75%;

    line-height: 40px;

    background-color: #4a1eb1;

    float: right;           /\* align in the right side of div \*/

}

* **Display:**

  display: inline;            /\* cover only text \*/

    border: 1px solid black;

    display: inline-block;          /\* cover complete block \*/

border: 1px solid black;

* **Transition effect:**

Change style when hover.

Property:

1. Transition-property
2. Transition-duration
3. Transition-timing-function
4. Transition-delays

.trans {

    width: 100px;

    height: 200px;

    background-color: rgb(199, 14, 14);

    transition-property: all;               /\* for transition \*/

    transition-duration: 2s;                /\* duration \*/

}

.trans:hover {                  /\* after hover size is increase \*/

    width: 200px;

    height: 400px;

}

* **Column property:**

.column\_pro {

    column-count: 3;            /\* total column \*/

    column-gap: 50px;           /\* gap bitween column \*/

    text-align: justify;        /\* justify is use for equal in width  \*/

}

* **Box-shadow:**

Shadow in box. [hori ver bluer stretch color]

 border-radius: 20%;                /\* curve the corner \*/

 box-shadow: 5px 5px 8px red;       /\* shadow in the box \*/

* **Translation:**

1. translatex (padding in x direction)

translatey (padding in y direction)

but instead of padding margin have to use **box-sizing: border-box;**

.trasl {

    width: 400px;

    height: 300px;

    background-color: #1eb12f;

    transform: translatex(60px);        /\* or   padding-left: 50px; \*/

}

p {

    transform: translateY(90px);        /\* padding in 'y' direction \*/

}

1. transform: size increase or decrease effect

    transition-property: transform;   /\* or   { transition-property: all; } \*/

.trans:hover {                  /\* after hover size is increase \*/

     transform: scale(2, 2);       /\* (100\*2, 200\*2) \*/

width: 800px; height: 600px;

}

* **flex box:**



style of flex box.

.flex\_css {

    display: flex;          /\* horizontally \*/

    flex-direction: row;

    justify-content: space-around;  /\* use for fix distance between boxes \*/

    align-items: center;

}

* Bold, italic, underline:

font-weight: bold; or <b>..</b>

font-style: italic; or <i>..</i>

text-decoration: underline; or <u>..</u>

font-size: 12 small or large size

font-family: times new roman font style

Overflow: hidden remove scroll bar

Opacity: .9 bluer

Background-color: complete webpage background

Background: span background color

Color: green change text colour

Text-align: center, left where the text align in browser

Border: 4px solid green green colour border 4px in the table

Border-collapse: collapse single border of cell table’s

Resize: horizontal/vertical; for text area resize the box

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

* Inline css **>** Internal css **>** External css (id > class > directly tag)
* Hexadecimal color website: flatuicolors.com
* 1em = 16px
* Padding : 5px; OR padding: 5px 5px 5px 5px; [T R B L]
* Padding: 4px 5px; [top/bottom left/right]
* Text-align: justify use for adjust text in the width
* Box-sizing: border-box; when we gives padding or margin the div size is changes. So div size accurate rhe uske liye hm box-sizing use krte h.

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