https://shorturl.at/kAHNV

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**Gradient background**

**Text-transformation**

**Borders Outlines**

**Margin Padding**

**Positions**

**Forms**

**VCS**

**Hosting**

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Conical gradient

background : conic-gradient([start angle],color-stop1, color-stop2,...)

<head>

<style>

.bg {

/\*background: conic-gradient(white, red);

background: conic-gradient(white, red,white);

background: conic-gradient(white, red, orange, white);

background: conic-gradient(from 45deg, white, red);

background: conic-gradient(blue, yellow 60%, orange);\*/

background: repeating-conic-gradient(blue 0deg, yellow 30deg);

}

div {

width: 300px;

height: 300px;

border-radius: 100%;

}

</style>

</head>

<body>

<div class="bg"></div>

</body>

Text transformation

- text-transform property is used to specify all characters as upper case or lower case or capitalize each word.

text-transform : uppercase;

: lowercase;

: capitalize;

<h1>I am text observe MyCases</h1>

<h1 style="text-transform: lowercase;">I am text observe MyCases</h1>

<h1 style="text-transform: uppercase;">I am text observe MyCases</h1>

<h1 style="text-transform: capitalize;">I am text observe MyCases</h1>

Text Spacing:-

- text-indent property is used to specify indentation of first line of text

text-indent : 50px

<p style="text-indent: 50px;">Gubergren ea rebum et aliquyam eirmod. Clita tempor ea sit ipsum diam. Stet ea aliquyam sit vero eos kasd no tempor, nonumy et elitr amet accusam vero, sadipscing rebum est eirmod tempor diam, vero dolore at justo clita ea invidunt stet takimata rebum. Dolor sed est aliquyam kasd dolor ipsum nonumy rebum dolores. Dolor erat vero stet elitr clita amet voluptua tempor labore, labore sit tempor kasd ut et ipsum kasd lorem. Vero ipsum diam sanctus et, dolores et stet gubergren erat duo ut aliquyam justo et. Sit sed invidunt et ipsum labore, elitr sea tempor aliquyam amet amet vero sit at dolor. Et diam aliquyam erat magna amet sea sea sanctus. No nonumy et erat rebum sadipscing tempor gubergren dolor. Ipsum et dolor sed dolor. Et gubergren justo et gubergren voluptua at voluptua labore lorem, voluptua diam sed clita sadipscing vero kasd. Voluptua et et sanctus invidunt est. Lorem stet no at sadipscing rebum diam. Diam sed eirmod lorem invidunt ea dolor sed takimata, duo tempor amet eirmod at duo erat ipsum clita et, ipsum kasd dolor et justo ut diam sadipscing clita vero. Ut stet amet justo dolor. Stet nonumy dolore at sit dolor. Ea diam sea ipsum ut. Sadipscing eos voluptua duo dolor et. Lorem sed no erat sit vero ut sea. Eos voluptua aliquyam et amet eos, stet rebum sit gubergren sed gubergren. Amet dolore sadipscing rebum sea. Ut amet invidunt duo dolor lorem invidunt. Et rebum sed ea diam aliquyam takimata, amet rebum dolor diam.</p>

Letter spacing

- letter-spacing property is used to specify space between characters

letter-spacing : 3px

: 0px (Default)

: -3px

<p style="letter-spacing: 3px;">We are words observe spacing between our characters</p>

<p style="letter-spacing: 0px;">We are words observe spacing between our characters</p>

<p style="letter-spacing: -3px;">We are words observe spacing between our characters</p>

Line spacing:-

line-height property is used to specify vertical spacing between lines

<p>I am Line 1</p>

<p style="line-height: 0.0;">I am Line 2</p>

<p>I am Line 3</p>

<p>I am Line 4</p>

<p style="line-height: 1;">Dolor magna kasd voluptua sit accusam erat sed tempor, accusam diam est dolor eirmod kasd. Ipsum invidunt diam voluptua sed consetetur dolor sed dolores. Eos kasd ea no voluptua. Elitr ut voluptua elitr justo et lorem sea magna. Sanctus duo at nonumy diam consetetur amet invidunt, ipsum lorem takimata kasd sed magna invidunt, et diam takimata clita lorem, magna gubergren amet ea kasd amet sit sit sit ea. Dolores sit duo est amet aliquyam. Dolor lorem aliquyam et sit ipsum dolor. Ipsum accusam eos voluptua at sadipscing. Gubergren et lorem sit dolores dolore ipsum sed vero est. Et gubergren sit duo et vero kasd at justo. Vero dolor diam no aliquyam. Sed aliquyam dolor accusam kasd. No at dolores erat eirmod clita. Et takimata amet takimata at elitr, voluptua dolore eirmod labore lorem voluptua lorem sed. Eirmod amet ea diam labore diam labore amet dolore. Sea kasd eirmod no diam dolor sit sit sea eirmod, kasd invidunt sea magna invidunt sanctus sit sit, diam stet justo stet vero justo nonumy accusam kasd, duo voluptua diam est lorem est, elitr erat labore est tempor aliquyam duo nonumy et, labore ea est diam dolore diam ea labore, clita elitr eirmod sit no et accusam aliquyam. Sed est sanctus eirmod sea sed clita vero labore erat, est accusam duo diam et dolor sanctus rebum ipsum dolore. Voluptua takimata accusam sit nonumy aliquyam accusam invidunt, clita duo sit sea eos rebum dolor gubergren voluptua. Sea dolor amet eirmod vero takimata lorem diam, amet et clita duo erat magna tempor. Sea sanctus est voluptua amet tempor sadipscing vero. Tempor et lorem et sea lorem. Gubergren duo sit consetetur invidunt. Nonumy diam magna elitr dolor accusam, duo sed dolores est eos kasd sit, ipsum aliquyam sed gubergren invidunt invidunt stet labore no, labore et dolor justo labore diam sit et sed rebum. No vero sadipscing diam nonumy dolor consetetur, voluptua gubergren dolores dolor sanctus dolores et. Est tempor dolor sadipscing sanctus eos rebum dolores stet, et clita dolor kasd invidunt gubergren justo est nonumy, ut kasd at sed ut justo nonumy eirmod dolor. Vero sit sed aliquyam ea et labore stet, sadipscing stet et consetetur rebum kasd. Eirmod et et et dolor diam duo sanctus gubergren. Dolores stet sit ipsum et ut ut erat et sit. Rebum clita eirmod takimata eirmod sit et ea tempor nonumy, sit accusam lorem kasd dolore et lorem duo amet at, duo stet consetetur tempor consetetur, eirmod sit sanctus erat nonumy amet elitr tempor magna. Sed sit clita ipsum sea, takimata consetetur diam et eos ipsum, takimata justo sit elitr ut stet, diam dolor tempor amet voluptua aliquyam et, erat elitr diam et magna ipsum sanctus. Diam ipsum ea diam erat amet eirmod justo dolore dolores. Sit invidunt magna consetetur duo at magna, lorem et et et dolores et magna lorem clita, labore amet labore et gubergren sed. Dolor sit sed dolor amet at. Tempor sit ut dolore diam dolor dolore elitr stet. Sanctus sanctus elitr stet aliquyam dolor. At gubergren.</p>

Word spacing

word-spacing property is used to specify the space between words

<p>We are words observe spacing between us</p>

<p style="word-spacing: 5px;">We are words observe spacing between us</p>

<p style="word-spacing: -5px;">We are words observe spacing between us</p>

White space :-

- white-space property specifies how white space inside an element is handled.

- value is nowarp - the sequence of white space collapse into a single white space.

- The text continues the same line until <br> tag.

- normal - text will warp when necessary.

<!--<p style="white-space: nowrap;">-->

<p style="white-space: normal;">

This is white space property This is white space property This is white space property This is white space property

This is white space property This is white space property <br>

This is white space property This is white space property This is white space property This is white space property

This is white space property This is white space property <br>

This is white space property This is white space property This is white space property This is white space property

This is white space property This is white space property <br>

This is white space property This is white space property This is white space property This is white space property

This is white space property This is white space property <br>

</p>

CSS borders:-

border property specifies border for an element

border-style : dotted

: solid

: dashed

: double

: groove

: ridge

: inset

: outset

: none

: hidden

: dashed double … -> clockwise

border-width specifies width of border

border-width : number

: thin

: medium

: thick

border-color : any color

<!DOCTYPE html>

<html>

<head>

<style>

div {

width: 300px;

height: 150px;

margin: 10px;

border-width: 10px;

/\*border-color: rgba(255,0,0,0.5);\*/

border-color: red green yellow blue;

}

</style>

</head>

<body>

<div style="border-style: dashed solid double dotted;">Multiple</div>

<div style="border-style: dashed solid double;">Multiple</div>

<div style="border-style: dashed solid;">Multiple</div>

<hr>

<div style="border-style: hidden;">Hidden</div>

<div style="border-style: none;">None</div>

<hr>

<div style="border-style: outset;">Outset</div>

<div style="border-style: inset;">Inset</div>

<div style="border-style: ridge;">Ridge</div>

<div style="border-style: groove;">Groove</div>

<hr>

<div style="border-style: double;">Double</div>

<div style="border-style: dashed;">Dashed</div>

<div style="border-style: dotted;">Dotted</div>

<div style="border-style: solid;"> Solid</div>

</body>

</html>

border-sides : can apply specific styles to specific border

<span style="border : 5px orange solid ;">Hello</span>

<h1 style="border-left : 7px lightblue ridge;border-left : 7px lightblue ridge;

border-bottom : 10px lightcoral dashed;

border-top : dotted 1px yellow;

border-right : double blue 2px;">hi</h1>

Rounded corners

border-radius

border-radius: 10px 10px 5px 5px;

border-radius: 10%;

border-radius: 45%;

CSS outline

- it is same as that of border except Sides, radious, images

- Outline comes after border

Links:-

- Links can be styled with color, font-family, background, etc

- Links have following states

a : link -> normal or unvisited link

a : visited -> visited by user

a : hover -> mouse pointer on link

a : active -> moment it is clicked

Eg

a : link

{

color : pink;

}

a : visited

{

color : green;

}

a : hover

{

color : red;

}

a : active

{

color : blue;

}

display

display : block -> places elements in next line

display : inline -> occupies only ample space (as span element)

display : inline-block -> places element in single line as per enough width

<style>

.ib {

display: block;

}

.il {

display: inline;

}

.ilb {

display: inline-block;

}

div {

width: 200px;

height: 100px;

border: 1px solid greenyellow;

background: linear-gradient(to right, lightgreen, skyblue);

margin: 5px;

}

</style>

<body>

<div class="ib">This is display block</div>

<div class="ib">This is display block</div>

<div class="ib">This is display block</div>

<div class="ib">This is display block</div>

<hr>

<hr>

<div class="il">This is display inline</div>

<div class="il">This is display inline</div>

<div class="il">This is display inline</div>

<div class="il">This is display inline</div>

<hr>

<hr>

<div class="ilb">This is display inline block</div>

<div class="ilb">This is display inline block</div>

<div class="ilb">This is display inline block</div>

<div class="ilb">This is display inline block</div>

</body>

CSS Margine : -> Outer space

margine-top : number / %

margine-bottom : number / %

margine-right : number / %

margine-left : number / %

margine : auto -> Horizontally center of container

CSS Padding : -> Inner space

padding-top : number / %

padding-bottom : number / %

padding-right : number / %

padding-left : number / %

padding : number -> all sides

Box model

It is composed of element, margine padding border ???

CSS Positions

position : static -> elements positioned static by default.

position : relative -> relative to normal position.

position : fixed -> fixed if page scrolled or not.

position : absolute -> positioned relative to nearest ancestor.

position : sticky -> fixed at top after scrolling

float : right

: left

: none

z-index : number

position : absolute

<div style="position: absolute; top:20px; left : 20px; z-index: 1;">1</div>

<div style="position: absolute; top:40px; left: 40px; z-index: 3;">2</div>

<div style="position: absolute; top:60px; left: 60px; z-index: 2;">3</div>

<div style="position: absolute; top : 80px;left:80px; z-index: 4;">

<marquee>4</marquee>

</div>

VCS

- Version control system

Eg clearcase, vss, cvs, github, etc

Why VCS

- Control versions -> safety(update)

- Can perform parallel development.

- Development time is reduced.

- Increased Productivity.

Github:-

- open source repository maintained by google.

- git is the tool used to work with github.

Github operations:-

1. Installation

2. Create a Local Repository.

3. Add user credentials to the repository.

4. Create files to the repository.

5. Commit changes to the repository.

6. Generate Branches.

7. Merge Branches.

1. Installation

download from

https://git-scm.com/downloads

Follow onscreen messages and install.

2. Create Local Repository

- new folder -> name 'test'

- rt clk -> git bash here

- $ git init

- 'test' folder converted to local repository

- $ git config --list -> list of git repository properties

3. Add user credentials

- add name

$ git config --global user.name 'USERNAME'

- add email

$ git config --global user.email 'USEREMAIL'

4. Create files to local repository

- $ touch <>

- $ touch sample.txt

- sample.txt is unsaved / untracked / uncommited

- $ git status

- gives files in red colour.

5. Commit changes

- $ git add .

- $ git commit

- press 'I' for insert mode

- type message 'initial commit'

- press 'Esc'

- type ':wq'

- from second commit onwords

- $ git add .

- $ git commit -m <any message>

- check log

- $ git log

6. Create branches

- $ git branch 'demo'

- by default all files from master are available here.

- $ git checkout demo

7. Merge branches

- $ git checkout master

- $ git merge demo

CSS inputs

- forms

- forms can be styled with input elements

input

{

color:red;

}

- to style specific input elements

input[type=text]

{

color:blue;

}

input[type=password]

{

width:50%;

}

\*\*\*index.html\*\*\*

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="style.css">

</head>

<body>

<form action="thanku.html" class="box">

<h1>Login</h1>

<input type="text" placeholder="Username">

<input type="password" placeholder="Password">

<input type="submit" value="Login">

</form>

</body>

</html>

\*\*\*style.css\*\*\*

h1 {

color: white;

text-transform: uppercase;

font-weight: normal;

}

body {

background: radial-gradient(white, black);

font-family: sans-serif;

}

.box {

background-color: black;

width: 300px;

margin: 50px auto;

padding: 40px;

border-radius: 20px;

text-align: center;

}

input {

margin: 20px auto;

text-align: center;

padding: 14px 10px;

width: 200px;

border-radius: 24px;

background: none;

}

input[type="text"],

input[type="password"] {

border: 2px solid skyblue;

color: lightyellow;

}

input[type="submit"]

{

border: 2px solid burlywood;

color: white;

cursor: pointer;

}

1. Login to github.com

2. Create a repository

3. Copy url

4. Initialyse local repository

>git init

5. add files to repository

>git add .

6. check status

>git status

7. commit

>git commit -m "initial commit"

8. Add remote repository

>git remote add origin <copied url>

9. push code to repository

>git push -u origin master

10. Select source

-> settings

-> pages

-> Source -> deploy from branch

-> branch -> master

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