Units

px

in:inches

mm: millimeters

em

rem

Variable:

--varName:

--penguin-skin:black;

background-color:var(--penguin-skin);

Selector

tag{}: h2{font-size:16px;}

#id{}: #icon{margin:10px;}

.class{}: .blue-text{color:blue;}

[attr='value']{} :[type='radio']{margin:20px;}

MediaQuery:

@media(max-width:350px){

/\* this apply when screen scale up to 350px(more contents in viewport, everything shrinks), when viewport contains more than 350px, this does not apply\*/

}

Background:

Background-color

Shadow:

box-shadow:offset-x offset-y blur-radius(optional) spread-radius(optional) rgba(r,g,b,a)

Text:

Import font:

<link href="https://fonts.googleapis.com/css?family=Lobster" rel="stylesheet" type="text/css">

color:blue/red/etc...

font-size:16px/1rem/etc...

font-weight:16px/1rem/etc...

line-height: 16px/1rem/etc...

font-family: Helvetica/etc...

degrade: p {font-family: Helvetica, sans-serif;}

text-align:justify/center/right/left

text-decoration:underline/dotted/red/etc...

font-style:italic/normal/oblique

text-transform:lowercase/uppercase/capitalize/initial/inherit/none

<strong></strong>:equivalent to font-weight:bold

<u></u>:equivalent to text-decoration:underline;

<em></em>:equivalent to font-style:italic;

<s></s>:equivalent to text-decoration:line-through

<hr>: horizontal line

Color:

HexCode: #000000

AbbreviatedHexCode:#000

RGB:rgb(255,255,255);

RGBA:rgba(red,green,blue,alpha(0.0-1.0))

Opacity:0.0-1.0

Position:

absolute is taken out from normal flow

absolute to nearest ancestor

Fixed is a subcategory of absolute.

Fixed to viewport.

position:relative/absolute/static/fixed/sticky/

top/left/right/bottom:px/rem/etc...

Size:

Width

Height

Padding

Margin

Border:

Border

Border-radius

Position

static

Cascading:

:root{}

Fallback:

background:red;

background: var(--red-color);

Rules:

padding will push out border

clock wise notation: top right bottom left

same level css reads from top to bottom (override)

different level css: !importatn>inline>id>class>tag>parent