

## DISEÑO WEB CSS3



## Sintaxis CSS

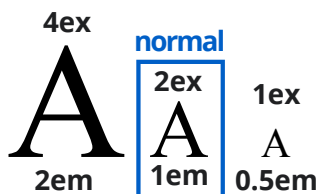
```
selector #id .class :pseudoclass ::pseudoelement [attr] {
  property : value ;
}
```

## Colores y fondos

background-color: [color]; color: [color];  
 background-image: url(image.jpg); none  
 background-repeat: repeat repeat-x repeat-y no-repeat  
 background-attachment: scroll fixed  
 background-position: [pos-x] [pos-y];  
 background: color image repeat attachment position

## Colores

Keywords: RoyalBlue;  
 Hexadecimal: #4169E1; → #46E;  
 RGB model: RGB(65,105,225);  
 HSL model: HSL(225,71%,88%);  
 transparent  
 with alpha channel  
 RGBA(65,105,225,0.5);  
 HSLA(225,71%,88%,0.5);  
 currentColor



## Tablas

border-collapse: separate collapse  
 border-spacing: [size];  
 caption-side: top bottom  
 empty-cells: show hide  
 table-layout: auto fixed

## Fuentes

font-family: [font1], [font2], [font3], ... ;  
 serif sans-serif cursive fantasy monospace  
 font-size: [size] xx-small x-small small medium  
 large x-large xx-large smaller larger  
 font-style: normal italic oblique  
 font-weight: [100-900] normal bold lighter bolder  
 font: style variant weight size/height family

## Tipos de elementos

display: inline block inline-block none list-item  
 table table-cell table-row  
 visibility: visible hidden collapse

## Desplazamiento

z-index: 15 5 -5  
 float: none left right  
 clear: none left right both

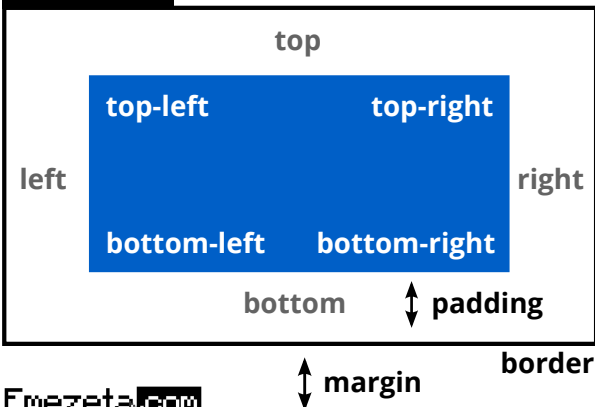
## Márgenes y espaciados

margin/padding: top right bottom left  
 margin/padding: top right left bottom  
 margin/padding: top bottom left right  
 margin/padding: top right bottom left  
 \*\*-top  
 \*\*-left  
 \*\*-right  
 \*\*-bottom

## Bordes

border-color: [color];  
 border-width: [size]; thin medium thick  
 border-style: [style];  
 border: width style color  
 border-top-  
 border-right-  
 border-bottom-  
 border-left-

## Ubicaciones

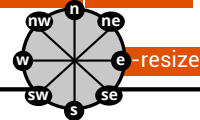


## Fuente (alineaciones y espaciado)

letter-spacing: [size]; normal  
 line-height: [size]; normal  
 text-indent: [size];  
 word-spacing: [size]; normal  
 white-space: normal no-wrap pre  
 pre-line pre-wrap  
 tab-size: [size];  
 text-align: left center right justify  
 vertical-align: [size] baseline  
 sub super top middle bottom  
 text-top text-bottom

## Cursores del ratón

cursor: url(image.png)  
 default crosshair help move  
 pointer progress text wait  
 none context-menu cell  
 vertical-text alias copy  
 no-drop not-allowed all-scroll  
 col-resize  
 row-resize



## Estilos

solid  
 dotted  
 dashed  
 double  
 groove  
 ridge  
 inset  
 outset

25.4mm 10mm 4.23mm 0.35mm  
 1in 1cm 1pc 1mm 1pt

## Dimensiones

max-width: [size]; none  
 min-width: [size]; none  
 width: [size] auto  
 \*-height

## Fuentes (variaciones)

font-variant: normal small-caps  
 text-decoration: none underline overline  
 line-through  
 text-transform: none capitalize  
 lowercase uppercase

## Perfiles

outline-color: [color]; invert  
 outline-style: [style];  
 outline-width: [size]; thin medium thick  
 outline: color style width

## Listas

list-style-image: url(image.png); none  
 list-style-position: inside outside  
 list-style-type: disc circle square none  
 1. 2. 01. 02. decimal decimal-leading-zero  
 a. b. A. B. lower-alpha upper-alpha  
 i. ii. I. II. lower-roman upper-roman  
 list-style: type position image

## Posicionamiento

position: static absolute relative fixed  
 top/right/bottom/left: [size] auto  
 clip-path: url(shape.svg) shape auto  
 overflow: visible hidden scroll auto

## Columnas

column-width: [size];  
 column-count: [number]; auto  
 columns: width count

## Separador de columnas

column-rule-width: [size];  
 column-rule-style: [style];  
 column-rule-color: [color];  
 column-rule: width style color

column-gap: [size]; normal  
 column-span: [number]; all  
 column-fill: balance auto



## Gradientes

## background-image:

linear-gradient([dir], [col1], [col2]...);  
 radial-gradient([shape] [size] at [pos], [col1], [col2], ...);  
 repeating-linear-gradient(...);  
 repeating-radial-gradient(...);

## Sombras

text-shadow: [pos-x] [pos-y] [blur] [color]; **none**

box-shadow: [pos-x] [pos-y] [blur] [size] [color]; **none inset**

## Fondos o sombras múltiples

background-image: url(back1.png), url(back2.png), ...;

background-repeat: no-repeat, repeat-x, ...;

## Fondos

background-clip: **border-box** **padding-box** **content-box**

background-origin: **padding-box** **border-box** **content-box**

background-size: [size-w] [size-h]; **cover** **contain** **auto**

background: **color** **position** **size** **repeat** **origin** **clip** **att** **img**

## Bordes redondeados

border-radius: **top** **right** **bottom** **left**

border-radius: **top** **bottom** **left** **right**

border-radius: **top** **right** **bottom** **left**

**border-top-left-\***

**border-top-right-\***

**border-bottom-left-\***

**border-bottom-right-\***

## Bordes con imágenes

border-image-outset: [size]

border-image-repeat: **stretch** **repeat** **round** **space**

border-image-slice: **top** **right** **bottom** **left**

border-image-source: url(image.png)

border-image-width: [size]

border-image: **source** **slice** **width** **outset** **repeat**

## Transiciones

transition-property: [css-property]; **none** **all**

transition-duration: [time];

transition-timing-function: [timing-function]

transition-delay: [time];

transition: **property** **duration** **t-function** **delay**

## Transformaciones

transform-origin: [pos-x] [pos-y] [pos-z];

transform-style: **flat** **preserve-3d**

## Animaciones

animation-name: [name]; **none**

animation-duration: [time];

animation-timing-function: →

animation-delay: [time];

animation-iteration-count: [number]; **infinite**

animation-direction: **normal** **reverse** **alternate** **alternate-reverse**

animation-fill-mode: **none** **forwards** **backwards** **both**

animation-play-state: **running** **paused**

animation: **name** **duration** **timing-func** **delay** **i-c** **dir** **f-m** **p-s**

timing-function **cubic-bezier()**

**ease** (0.25, 0.1, 0.25, 1)

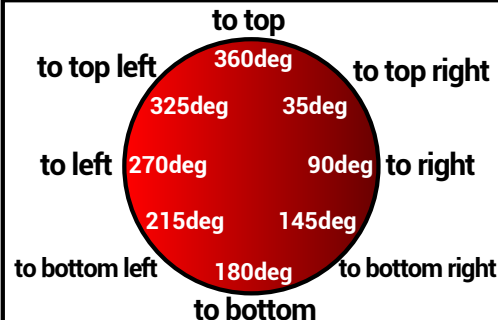
**linear** (0.00, 0.0, 1.00, 1)

**ease-in** (0.42, 0.0, 1.00, 1)

**ease-out** (0.00, 0.0, 0.58, 1)

**ease-in-out** (0.42, 0.0, 0.58, 1)

## Dirección en gradiente lineal



## Opciones del gradiente radial

shape: **ellipse** **circle**

size: [size] **farthest-corner** **closest-corner**

**farthest-side** **closest-side**

pos: **center** **top** **left** **right** **bottom**

**top left** **top right** **bottom left** **bottom right**

## Tipografías CSS3

@font-face {

font-family: 'Open Sans';

font-weight: 300;

src: local('Open Sans'),

url(file.ttf) format('truetype'),

url(file.woff) format('woff'); }

<http://fonts.googleapis.com/css?family=Open+Sans:300,400|Roboto:400>

## Fuentes CSS3

font-stretch: **ultra-condensed**

**extra-condensed** **condensed** **semi-condensed**

**normal** **semi-expanded** **expanded**

**extra-expanded** **ultra-expanded**

text-overflow: [text]; **clip** **ellipsis**

text-justify: **auto** **inter-word** **distribute** **none**

font-size-adjust: [number] **none**

## Transformaciones 3D

transform: translate3d(x, y, z);

transform: translateZ(z);

transform: scale3d(x, y, z);

transform: scaleZ(z);

transform: rotate3d(x,y,z,deg);

transform: rotateZ(deg);

transform: perspective(n);

transform: matrix3d(n,n,n,...)

## Filtros CSS

filter: [filter](n)

filter-func **(n)**

**grayscale**: [0...1]

**blur**: [size]

**sepia**: [0...1]

**saturate**: [0...1]

**opacity**: [0...1]

**brightness**: [0...1]

**contrast**: [0...1]

**hue-rotate**: [deg]

**invert**: [0...1]

filter: f1(n) f2(n) ...

[Emezeta.com](http://emezeta.com)

## Fotogramas

@-vendor-keyframes

@keyframes nameanimation {

0% { propiedad: valor }

...

100% { propiedad: valor }

}

0% = from  
100% = to

-webkit-

-moz-

-ms-

-o-

## Medios

@media print {  
propiedad : valor;  
}

@media screen {  
propiedad : valor;  
}

@media screen and  
(max-width: 640px)  
{  
propiedad : valor;  
}

## Paginación

@page {

size: [width] [height];

**landscape** **portrait** **auto**

margin: [...]

orphans: [number];

widows: [number]; }

## Rotación 2D

transform: rotateX(deg\_x);

transform: rotateY(deg\_y);

transform: rotate(deg);

## Escala 2D

transform: scaleX(x);

transform: scaleY(y);

transform: scale(x, y);

## Traducción 2D

transform: translateX(x);

transform: translateY(y);

transform: translate(x, y);

## Deformación 2D

transform: skewX(deg\_x);

transform: skewY(deg\_y);

transform: skew(deg, deg);

