



### Sintaxis CSS

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

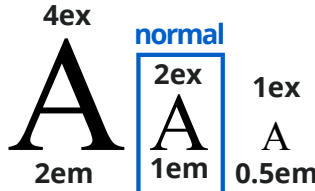
### Colores y fondos

```
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; with alpha channel RGBA(65,105,225,0.5); HSLA(225,71%,88%,0.5);

RGB model: RGB(65,105,225); HSL model: HSL(225,71%,88%); transparent 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
```

### 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
```

### Fuentes (variaciones)

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

### Tipos de elementos

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

### Perfiles

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

### Desplazamiento

z-index:

float: none left right

clear: none left right both

### 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

### 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
```

### 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
```

### Estilos

### Posicionamiento

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

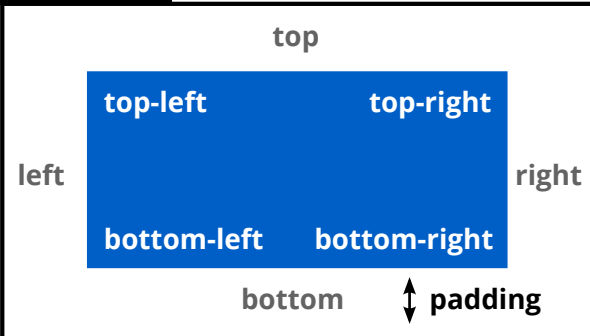
### Bordes

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

### Columnas

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

### Ubicaciones



### Separador de columnas

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

### Dimensiones

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

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

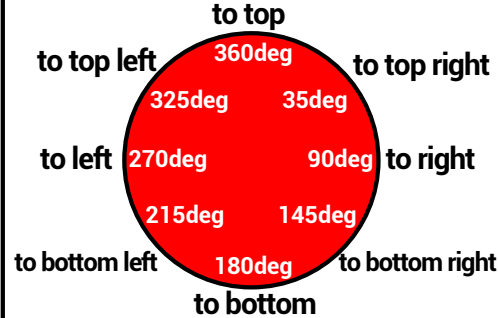
**transform-origin:** [pos-x] [pos-y] [pos-z];  
**transform-style:** flat preserve-3d

## 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) ...



## Fotogramas

**@keyframes** nameanimation {  
 0% { propiedad: valor }  
 ...  
 100% { propiedad: valor }  
**}**

@-vendor-keyframes

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);

## Escalado 2D

**transform:** scaleX(x);  
**transform:** scaleY(y);  
**transform:** scale(x, y);

## Translación 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);

