



## Sintaxis CSS

```
selector #id .class :pseudoclass ::pseudoelement [attr] {
  property : value ;
  tr:nth-child(even) (odd)
```

## Colores y fondos

margin: 0px auto para centrar

```
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
```

## 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:

```
float: none left right
clear: none left right both
```

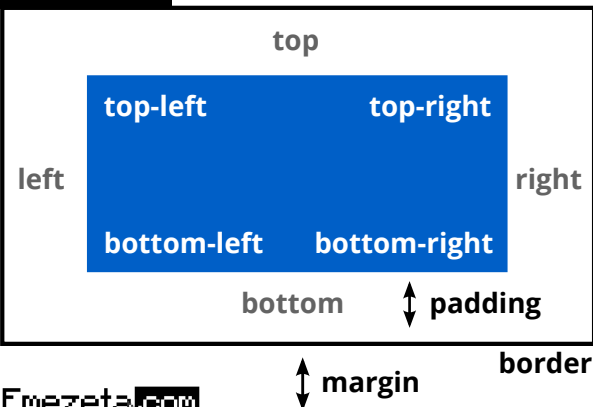
## Márgenes y espaciados

```
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



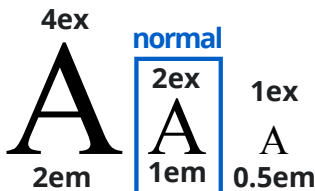
## Colores



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
```

## 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)

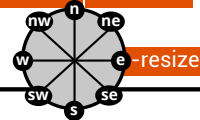
```
font-variant: normal small-caps
text-decoration: none underline overline
line-through
text-transform: none capitalize
lowercase uppercase
```

## Perfiles

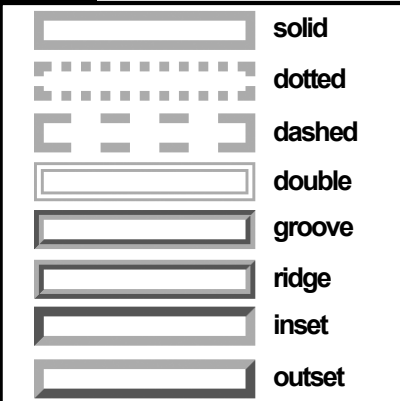
```
outline-color: [color]; invert
outline-style: [style];
outline-width: [size]; thin medium thick
outline: color style width
```

## 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



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
```

## 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)

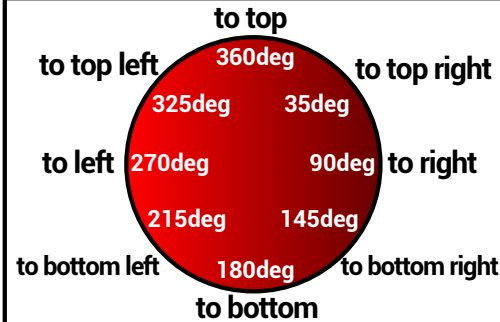
linear (0.00, 0.0, 1.00, 1)

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

@-vendor-keyframes

## Fotogramas

@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);

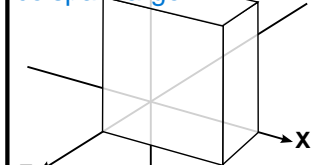
## Deformación 2D

transform: skewX(deg\_x);

transform: skewY(deg\_y);

transform: skew(deg, deg);

table tr td  
 rowspan alto  
 colspan largo



## Basic Tags

`<html> </html>`

Creates an HTML document

`<head> </head>`

Sets off the title & other info that isn't displayed

`<body> </body>`

Sets off the visible portion of the document

`<title> </title>`

Puts name of the document in the title bar; when bookmarking pages, this is what is bookmarked

## Body attributes (only used in email newsletters)

`<body bgcolor=?>`

Sets background color, using name or hex value

`<body text=?>`

Sets text color, using name or hex value

`<body link=?>`

Sets color of links, using name or hex value

`<body vlink=?>`

Sets color of visited links, using name or hex value

`<body alink=?>`

Sets color of active links (while mouse-clicking)

## Text Tags

`<pre> </pre>`

Creates preformatted text

`<h1> </h1> --> <h6> </h6>`

Creates headlines -- H1=largest, H6=smallest

`<b> </b>`

Creates bold text (should use `<strong>` instead)

`<i> </i>`

Creates italicized text (should use `<em>` instead)

`<tt> </tt>`

Creates typewriter-style text

`<code> </code>`

Used to define source code, usually monospace

`<cite> </cite>`

Creates a citation, usually processed in italics

`<address> </address>`

Creates address section, usually processed in italics

`<em> </em>`

Emphasizes a word (usually processed in italics)

`<strong> </strong>`

Emphasizes a word (usually processed in bold)

`<font size=?> </font>`

Sets size of font - 1 to 7 (should use CSS instead)

`<font color=?> </font>`

Sets font color (should use CSS instead)

`<font face=?> </font>`

Defines the font used (should use CSS instead)

## Links

`<a href="URL">clickable text</a>`

Creates a hyperlink to a Uniform Resource Locator

`<a href="mailto:EMAIL_ADDRESS">clickable text</a>`

Creates a hyperlink to an email address

`<a name="NAME">`

Creates a target location within a document

`<a href="#NAME">clickable text</a>`

Creates a link to that target location

## Formatting

`<p> </p>`

Creates a new paragraph

`<br>`

Inserts a line break (carriage return)

`<blockquote> </blockquote>`

Puts content in a quote - indents text from both sides

`<div> </div>`

Used to format block content with CSS

`<span> </span>`

Used to format inline content with CSS

## Lists

`<ul> </ul>`

Creates an unordered list

`<ol start=?> </ol>`

Creates an ordered list (start=xx, where xx is a counting number)

`<li> </li>`

Encompasses each list item

`<dl> </dl>`

Creates a definition list

`<dt>`

Precedes each definition term

`<dd>`

Precedes each definition

## Graphical elements

`<hr>`

Inserts a horizontal rule

`<hr size=?>`

Sets size (height) of horizontal rule

`<hr width=?>`

Sets width of rule (as a % or absolute pixel length)

`<hr noshade>`

Creates a horizontal rule without a shadow

``

Adds image; it is a separate file located at the URL

``

Aligns image left/right/center/bottom/top/middle (use CSS)

``

Sets size of border surrounding image (use CSS)

``

Sets height of image, in pixels

``

Sets width of image, in pixels

``

Sets the alternate text for browsers that can't process images (required by the ADA)

## Forms

<code>&lt;form&gt; &lt;/form&gt;</code>	Defines a form
<code>&lt;select multiple name=? size=?&gt; &lt;/select&gt;</code>	Creates a scrolling menu. Size sets the number of menu items visible before user needs to scroll.
<code>&lt;select name=?&gt; &lt;/select&gt;</code>	Creates a pulldown menu
<code>&lt;option&gt;</code>	Sets off each menu item
<code>&lt;textarea name=? cols="x" rows="y"&gt; &lt;/textarea&gt;</code>	Creates a text box area. Columns set the width; rows set the height.
<code>&lt;input type="checkbox" name=? value=?&gt;</code>	Creates a checkbox.
<code>&lt;input type="checkbox" name=? value=? checked&gt;</code>	Creates a checkbox which is pre-checked.
<code>&lt;input type="radio" name=? value=?&gt;</code>	Creates a radio button.
<code>&lt;input type="radio" name=? value=? checked&gt;</code>	Creates a radio button which is pre-checked.
<code>&lt;input type="text" name=? size=?&gt;</code>	Creates a one-line text area. Size sets length, in characters.
<code>&lt;input type="submit" value=?&gt;</code>	Creates a submit button. Value sets the text in the submit button.
<code>&lt;input type="image" name=? src=? border=? alt=?&gt;</code>	Creates a submit button using an image.
<code>&lt;input type="reset"&gt;</code>	Creates a reset button

## Tables (use only for data layout - use CSS for page layout)

<code>&lt;table&gt; &lt;/table&gt;</code>	Creates a table
<code>&lt;tr&gt; &lt;/tr&gt;</code>	Sets off each row in a table
<code>&lt;td&gt; &lt;/td&gt;</code>	Sets off each cell in a row
<code>&lt;th&gt; &lt;/th&gt;</code>	Sets off the table header (a normal cell with bold, centered text)

## HTML5 input tag attributes

(not all browsers support; visit <http://caniuse.com> for details)

<code>&lt;input type="email" name=?&gt;</code>	Sets a single-line textbox for email addresses
<code>&lt;input type="url" name=?&gt;</code>	Sets a single-line textbox for URLs
<code>&lt;input type="number" name=?&gt;</code>	Sets a single-line textbox for a number
<code>&lt;input type="range" name=?&gt;</code>	Sets a single-line text box for a range of numbers
<code>&lt;input type="date/month/week/time" name=?&gt;</code>	Sets a single-line text box with a calendar showing the date/month/week/time
<code>&lt;input type="search" name=?&gt;</code>	Sets a single-line text box for searching
<code>&lt;input type="color" name=?&gt;</code>	Sets a single-line text box for picking a color

## Table attributes (only use for email newsletters)

<code>&lt;table border=?&gt;</code>	Sets the width of the border around table cells
<code>&lt;table cellspacing=?&gt;</code>	Sets amount of space between table cells
<code>&lt;table cellpadding=?&gt;</code>	Sets amount of space between a cell's border and its contents
<code>&lt;table width=?&gt;</code>	Sets width of the table in pixels or as a percentage
<code>&lt;tr align=?&gt;</code>	Sets alignment for cells within the row (left/center/right)
<code>&lt;td align=?&gt;</code>	Sets alignment for cells (left/center/right)
<code>&lt;tr valign=?&gt;</code>	Sets vertical alignment for cells within the row (top/middle/bottom)
<code>&lt;td valign=?&gt;</code>	Sets vertical alignment for cell (top/middle/bottom)
<code>&lt;td rowspan=?&gt;</code>	Sets number of rows a cell should span (default=1)
<code>&lt;td colspan=?&gt;</code>	Sets number of columns a cell should span
<code>&lt;td nowrap&gt;</code>	Prevents lines within a cell from being broken to fit