

WEB DESIGN CSS3



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CSS Syntax

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

Backgrounds

```
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
```

Fonts

```
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
```

Elements (types)

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

Displacement

```
z-index:
float: none left right
clear: none left right both
```

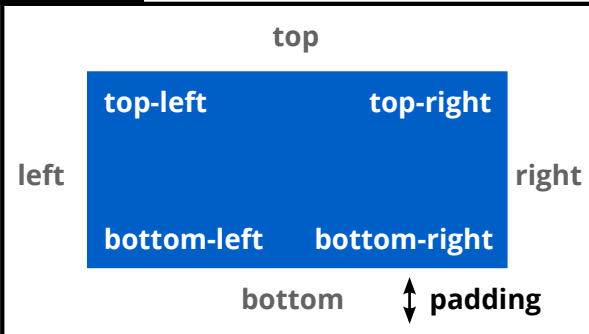
Margins and paddings

```
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
```

Border

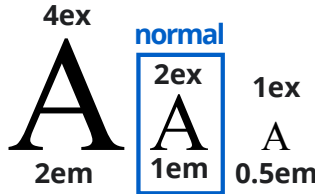
```
border-color: [color];
border-width: [size]; thin medium thick
border-style: [style];
border: width style color
border-top-* border-right-* border-bottom-* border-left-*
```

Locations



Colors

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

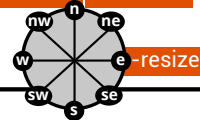


Font (alignments and spacing)

```
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
```

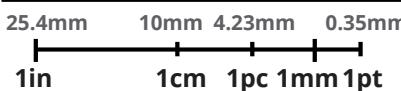
Mouse cursors

```
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
```



Styles

```
solid
dotted
dashed
double
groove
ridge
inset
outset
```



Dimensions

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

Tables

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

Fonts (variants)

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

Outlines

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

Lists

```
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
```

Position types

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

Columns

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

Columns separator

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

Columns gap

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



Gradients

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

Shadows

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

Shadows or backgrounds

background-image: url(back1.png), url(back2.png), ...;
background-repeat: no-repeat, repeat-x, ...;

Backs

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

Round borders CSS3

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-*

Borders with images

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

Transitions

transition-property: [css-property]; none all
transition-duration: [time];
transition-timing-function: [timing-function]
transition-delay: [time];
transition: property duration t-function delay

Transformaciones

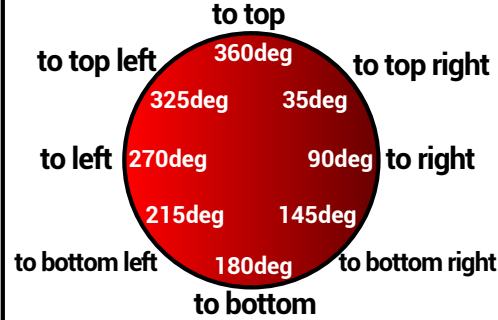
transform-origin: [pos-x] [pos-y] [pos-z];
transform-style: flat preserve-3d

Animations

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)

Lineal gradient (Direction)



Radial gradient (Options)

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

Typograph 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>

Fonts 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

Transformations 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,...)

CSS Filters

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) ...



Keyframes

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

@-vendor-keyframes

0% = from
100% = to

-webkit-
 -moz-
 -ms-
 -o-

Media

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

Pagination

@page {
 size: [width] [height];
 landscape portrait auto
 margin: [...]
 orphans: [number];
 widows: [number];
}

Rotation 2D

transform: rotateX(deg_x);
transform: rotateY(deg_y);
transform: rotate(deg);

Scale 2D

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

Translation 2D

transform: translateX(x);
transform: translateY(y);
transform: translate(x, y);

Skew 2D

transform: skewX(deg_x);
transform: skewY(deg_y);
transform: skew(deg, deg);

