

# font-family

Values: one or more font or generic font family names, separated by comma | inherit

Default: depends on the browser

Applies to: all elements

Inherits: yes

# font-size

Values: length unit | percentage | xx-small | small | [medium](#) | large | x-large  
| xx-large | smaller | larger | inherit

Default: medium

Applies to: all elements

Inherits: yes

# font-weight (boldness)

Values: [normal](#) | bold | bolder | lighter | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | inherit

Default: normal (equivalent of 400)

Applies to: all elements

Inherits: yes

# font-style (italics)

Values: [normal](#) | italic | oblique | inherit

Default: normal

Applies to: all elements

Inherits: yes

# font-variant (small caps)

Values: [normal](#) | [small-caps](#) | [inherit](#)

Default: normal

Applies to: all elements

Inherits: yes

# font (shortcut font)

Values: font-style font-weight font-variant font-size/line-height font-family  
| inherit

Default: depends on default value for each property listed

Applies to: all elements

Inherits: yes

# color

Values: color value (name or numeric) | inherit

Default: depends on the browser and user's preferences

Applies to: all elements

Inherits: yes

# line-height

Values:            number | length measurement | percentage | normal | inherit

Default:           normal

Applies to:        all elements

Inherits:           yes



# text-indent

Values: length measurement | percentage | inherit

Default: 0

Applies to: block-level elements, table cells, and inline blocks

Inherits: yes

# text-align

Values: left | right | center | justify | inherit

Default: [left](#) for languages that read left to right  
[right](#) for language that read right to left

Applies to: block-level elements, table cells, and inline blocks

Inherits: yes

# text-decoration

Values: none | underline | overline | line-through | blink

Default: none

Applies to: all elements

Inherits: no, but since lines are drawn across child elements; they may look like they are "decorated" too

# text-transform

Values: none | capitalize | lowercase | uppercase | inherit

Default: none

Applies to: all elements

Inherits: yes

# letter-spacing, word-spacing

Values: length measurement | normal | inherit

Default: normal

Applies to: all elements

Inherits: yes

# text-shadow

Values: 'horizontal offset' 'vertical offset' 'blur radius' 'color' | none

Default: none

Applies to: all elements

Inherits: yes

# Link pseudo-classes

- The most basic **pseudo-classes selectors** target links (**a** elements) based on whether they have been clicked.

**:link**      Applies a style to unclicked (unvisited) links

**:visited**      Applies a style to links that have already been clicked

# User action pseudo-classes

- Pseudo-class targets elements states that result from direct user actions.

**:focus** Applies when element is selected and ready for input

**:hover** Applies when the mouse pointer is over the element (commonly used with links)

**:active** Applies when the element (such a link or button) is in the process of being clicked or tapped



# Adding a background image

## background-image

Values:	url(location of image)   none   inherit
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Default:	none
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Applies to:	all elements
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Inherits:	no
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# Controlling tiling direction

## background-repeat

Values:	repeat   repeat-x   repeat-y   no-repeat   inherit
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Default:	repeat
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Applies to:	all elements
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Inherits:	no
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# Background position

## background-position

Values: length measurement | percentage | left | center | right | top | bottom | inherit

Default: 0% 0% (same as left top)

Applies to: all elements

Inherits: no

# Background attachment

## background-attachment

Values: scroll | fixed | local (new in CSS3) | inherit

Default: scroll

Applies to: all elements

Inherits: no

# background (shortcut)

## background

Values: background-color background-image background-repeat background-attachment  
background-position | inherit

Default: see individual properties

Applies to: all elements

Inherits: no

# box-sizing

## box-sizing

Values: content-box | border-box

Default: content-box

Applies to: all elements

Inherits: no

## width, height

Values: length measurement | percentage | auto | inherit

Default: auto

Applies to: block-level elements and replace inline elements (such as images)

Inherits: no

# overflow

## overflow

Values: visible | hidden | scroll | auto | inherit

Default: visible

Applies to: block-level elements and replace inline elements (such as images)

Inherits: no

# padding

padding-top, padding-right, padding-bottom, padding-left

Values: length measurement | percentage | inherit

Default: 0

Applies to: all elements except table-row-group, table-header-group, table-footer-group, table-column, and table-column-group

Inherits: no

padding (shorthand)

Values: length measurement | percentage | inherit

Default: 0

Applies to: all elements

Inherits: no



# Borders

`border-top-style`, `border-right-style`, `border-bottom-style`, `border-left-style`

Values: none | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit

Default: none

Applies to: all elements

Inherits: no

`border-style`

Values: none | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit

Default: none

Applies to: all elements

Inherits: no

# Border width (thickness)

`border-top-width, border-right-width, border-bottom-width, border-left-width`

Values: length units | thin | medium | thick | inherit

Default: medium

Applies to: all elements

Inherits: no

`border-width (shorthand)`

Values: length units | thin | medium | thick | inherit

Default: medium

Applies to: all elements

Inherits: no

# Border color

`border-top-color`, `border-right-color`, `border-bottom-color`, `border-left-color`

Values: color name or RGB value | transparent | inherit

Default: the value of color property for the element

Applies to: all elements

Inherits: no

`border-color`

Values: color name or RGB value | transparent | inherit

Default: the value of color property for the element

Applies to: all elements

Inherits: no

# Combining style, width, and color

`border-top, border-right, border-bottom border-left`

Values: border-style border-width border-color | inherit

Default: defaults for each property

Applies to: all elements

Inherits: no

`border`

Values: border-style border-width border-color | inherit

Default: defaults for each property

Applies to: all elements

Inherits: no

# Margins

margin-top, margin-right, margin-bottom, margin-left

Values: length measurement | percentage | auto | inherit

Default: auto

Applies to: all elements

Inherits: no

margin

Values: length measurement | percentage | auto | inherit

Default: auto

Applies to: all elements except elements with table display types other than table-caption, table, and inline-table

Inherits: no

# Floating

## float

Values: left | right | none | inherit

Default: none

Applies to: all elements

Inherits: no

# display

## display

Values: inline | block | list-item | inline-block | table | inline-table | table-row-group | table-header-group | table-footer-group | table-row | table-column-group | table-column | table-cell | table-caption | none

Default: inline

Applies to: all elements

Inherits: yes

# Clearing floated elements

## clear

Values: left | right | both | none | inherit

Default: none

Applies to: block-level elements only

Inherits: no



# Positioning Basics

## position

Values: static | relative | absolute | fixed | inherit

Default: static

Applies to: all elements

Inherits: no

## top, right, bottom, left

Values: length measurement | percentage | auto | inherit

Default: auto

Applies to: positioned elements (where position value is relative, absolute, or fixed)

Inherits: no

# z-index

## z-index

Values:      number | auto

Default:     auto

Applies to:   positioned elements

Inherits:     no

- The value of the z-index is a number (positive or negative).
- The higher the number, the higher the element will appear in the stack (that is closer to you).
- Lower numbers and negative values move the element lower in the stack.

# Flow direction

## flex-direction

Values: `row` | `column` | `row-reverse` | `column-reverse`

Default: `row`

Applies to: `flex containers`

Inherits: `no`

# Wrapping items onto multiple lines

## flex-wrap

Values: nowrap | wrap | wrap-reverse

Default: nowrap

Applies to: flex containers

Inherits: no

# flex-flow (shortcut)

## flex-flow

Values:	flex-direction flex-wrap
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Default:	row nowrap
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Applies to:	flex containers
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Inherits:	no
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# Aligning on the main axis:

## justify-content

### justify-content

Values: flex-start | flex-end | center | space-between | space-around

Default: flex-start

Applies to: flex containers

Inherits: no

# Aligning on the cross axis:

## align-items

### align-items

Values:	flex-start   flex-end   center   baseline   stretch
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Default:	stretch
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Applies to:	flex containers
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Inherits:	no
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# align-self

## align-self

Values:	flex-start   flex-end   center   baseline   stretch
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Default:	stretch
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Applies to:	flex containers
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Inherits:	no
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# Aligning multiple lines : **align-content**

## align-content

Values: flex-start | flex-end | center | space-around | space-between | stretch

Default: stretch

Applies to: multi-line flex containers

Inherits: no

# Determining how items "flex(ible)" in the container

## flex

Values: none | 'flex-grow flex-shrink flex-basic'

Default: 0 1 auto

Applies to: flex items (not flex container)

Inherits: no

# Expanding items (flex-grow)

## flex-grow

Values: number

Default: 0

Applies to: flex items (not flex container)

Inherits: no

# Squishing items (flex-shrink)

## flex-shrink

Values: number

Default: 1

Applies to: flex items (not flex container)

Inherits: no

# Providing an initial size (flex-basic)

## flex-basic

Values: length | percentage | content | auto

Default: auto

Applies to: flex items (not flex container)

Inherits: no

# Changing the Order of Flex item

order

Values:	integer
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Default:	0
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Applies to:	flex items and absolutely positioned children of flex containers
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Inherits:	no
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