

HTML CheatSheet

Tags

Div Section

`<div>`Block element`</div>`

Headings

`<h1>`Page title`</h1>`
`<h2>`Subheading`</h2>`
`<h3>`Tertiary heading`</h3>`
`<h4>`Quaternary heading`</h4>`

Paragraph

`<p style="text-align: center;">`text`</p>`

Image

``

Outbound Link

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``Click here``

Mailto link

``Send Mail``

Inner anchor (jump on page)

``Jump to footnote``
`
`
``Footnote content

Bold text

``Bold text``

Italic text

``Italic text``

Underlined text

``Underlined text``

Iframe

`<iframe src="link.html" width="200" height="200">`
`</iframe>`

Abbreviation

`<abbr title="Hypertext Markup Language">`HTML`</abbr>`

Comment

`<!-- HTML`

Comment -->

Horizontal Line

```
<hr />
```

Line break

```
<br />
```

Quotation

```
<q>Success is a journey not a destination.</q>
<blockquote cite="https://ruwix.com/">
The Rubik's Cube is the World's best selling puzzle toy.
</blockquote>
```

Video

```
<video width="200" height="150" controls>
  <source src="vid.mp4" type="video/mp4">
  <source src="vid.ogv" type="video/ogg">
  No video support.
</video>
```

Audio

```
<audio controls>
  <source src="sound.ogg" type="audio/ogg">
  <source src="sound.mp3" type="audio/mpeg">
  No audio support.
</audio>
```

Structures

Table

```
<table><caption>Phone numbers</caption>
  <thead>
    <tr>
      <th>Name</th>
      <th colspan="2">Phone</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>John</td>
      <td>577854</td>
      <td>577855</td>
    </tr>
    <tr>
      <td>Jack</td>
      <td>577856</td>
      <td>577857</td>
    </tr>
  </tbody>
  <tfoot>
    <tr>
      <td>&nbsp;</td>
```

```

        <td>Personal</td>
        <td>Office</td>
    </tr>
</tfoot>
</table>

```

Unordered list

```

<ul>
  <li>First</li>
  <li>Second</li>
  <li>Third</li>
</ul>

```

Definition list

```

<dl>
  <dt>HTML</dt>
  <dd>Hypertext Markup Language</dd>
  <dt>CSS</dt>
  <dd>Cascading Style Sheets </dd>
</dl>

```

Form

```

<form action="/action.php" method="post">
  Name: <input name="name" type="text" /> <br />
  Age: <input max="99" min="1" name="age" step="1" type="number" value="18"
/> <br />
  <select name="gender">
    <option selected="selected" value="male">Male</option>
    <option value="female">Female</option>
  </select><br />
  <input checked="checked" name="newsletter" type="radio" value="daily" />
Daily <input name="newsletter" type="radio" value="weekly" /> Weekly<br />
  <textarea cols="20" name="comments" rows="5">Comment</textarea><br />
  <label><input name="terms" type="checkbox" value="tandc" />Accept
terms</label> <br />
  <input type="submit" value="Submit" />
</form>

```

?  x

Attributes

SYNTAX

```

<tag attributename="value" />
- lowercase attributes, quote values

```

Global attributes

accesskey, class, contenteditable, data-*, dir, draggable, hidden, id, lang, spellcheck, style, tabindex, title

```

<div id="demo" class="big" dir="ltr" lang="en"
style="color: red;" tabindex="0" title="Tooltip"
contenteditable="true" spellcheck="true"
data-html5cheat="99">Hello World!</div>

```

Internationalization: dir, lang, xml:lang

```
<html lang="en-US">
...
  <p dir="rtl">Right to left (Arabic)</p>
...
</html>
```

Link: download, href, hreflang, media, rel, target, type

```
<a href="https://htmlg.com/" target="_blank" rel="external" hreflang="en"
  type="text/html">
  Link
</a>
```

Image: src, alt, height, ismap, longdesc, srcset, usemap, width

```

```

HTML5 Page Structure🏠

header, nav, main, article, section, aside, footer, address

```
<header>
  <div id="logo">HTML</div>
  <nav>
    <ul>
      <li><a href="/">Home</a>
      <li><a href="/link">Page</a>
    </ul>
  </nav>
</header>
<main role="main">
  <article>
    <h2>Title 1</h2>
    <p>Content 1</p>
  </article>
  <article>
    <h2>Title 2</h2>
    <p>Content 2</p>
  </article>
</main>
<section>
  A group of related content
</section>
<aside>
  Sidebar
</aside>
<footer>
  <p>&copy; HTML CheatSheet</p>
  <address>
    Contact <a href="mailto:me@gmail.com">me</a>
  </address>
</footer>
```

CSS CheatSheet

Basics

Syntax

```
selector{  
  property: value;  
  property2: value2;  
}
```

Include external css file

```
<link rel="stylesheet" type="text/css" href="/style.css" />
```

Internal styles

```
<style type="text/css">  
  div { color: #444; }  
</style>
```

Inline styles

```
<tag style="property: value"> </tag>
```

Clearfix

```
.clearfix:after {  
  clear: both;  
  content: " ";  
  display: block;  
  font-size: 0;  
  height: 0;  
  visibility: hidden;  
}  
.clearfix { display: inline-block; }  
* html .clearfix { height: 1%; }  
.clearfix { display: block; }
```

Box model



Selectors

**all elements*

div all div tags

div, *p* all *divs* and *paragraphs*
div *p* *paragraphs* inside *divs*
div > *p* all *p* tags, one level deep in *div*
div + *p* *p* tags immediately after *div*
div ~ *p* *p* tags preceded by *div*
.classname all elements with class
#idname element with ID
div.classname *divs* with certain *classname*
div#idname *div* with certain ID
#idname *all elements inside *#idname*

Pseudo classes

a:link link in normal state
a:active link in clicked state
a:hover link with mouse over it
a:visited visited link
p::after{content:"yo";} add content after *p*
p::before add content before *p*
input:checked checked inputs
input:disabled disabled inputs
input:enabled enabled inputs
input:focus input has focus
input:in-range value in range
input:out-of-range input value out of range
input:valid input with valid value
input:invalid input with invalid value
input:optional no required attribute
input:required input with required attribute
input:read-only with readonly attribute
input:read-write no readonly attrib.
div:empty element with no children
p::first-letter first letter in *p*
p::first-line first line in *p*
p:first-of-type first of some type
p:last-of-type last of some type
p:lang(en) *p* with en language attribute
:not(span) element that's not a span
p:first-child first child of its parent
p:last-child last child of its parent
p:nth-child(2) second child of its parent
p:nth-child(3n+1) nth-child (*a*n + *b*) formula
p:nth-last-child(2) second child from behind
p:nth-of-type(2) second *p* of its parent
p:nth-last-of-type(2) ...from behind
p:only-of-type unique of its parent
p:only-child only child of its parent
:root documents root element

*::selection*portion selected by user
*:target*highlight active anchor

Attribute selectors

*a[target]*links with a target attribute
*a[target="_blank"]*links which open in new tab
*[title~="chair"]*title element containing a word
*[class^="chair"]*class starts with chair
*[class]="chair"*class starts with the chair word
[class="chair"]*class contains chair
*[class\$="chair"]*class ends with chair
*input[type="button"]*specified input type

Properties

*align-content*behavior of the flex-wrap property
*align-items*alignment for items inside the container
*align-self*alignment for the selected item
*all*changes all properties
*animation*binds an animation to an element
*animation-delay*delays animation start
*animation-direction*reverse animation or in alternate cycles
*animation-duration*animation duration in seconds or ms
*animation-fill-mode*style when the animation is not playing
*animation-iteration-count*number of an animation replays
*animation-name*name for the @keyframes animation
*animation-play-state*the animation is running or paused
*animation-timing-function*speed curve of an animation
*backface-visibility*is element visible when not facing the screen
*background*all background properties in one declaration
*background-attachment*is the background image fixed or scrolls
*background-blend-mode*blending mode of each background layer
*background-clip*painting area of the background
*background-color*background color
*background-image*background image
*background-origin*where the background image is positioned
*background-position*starting position of the background image
*background-repeat*the way the background image is repeated
*background-size*background image size
*border*sets all border properties in one line
*border-bottom*bottom border properties in one line
*border-bottom-color*color of the bottom border
*border-bottom-left-radius*border bottom left radius
*border-bottom-right-radius*border bottom right radius
*border-bottom-style*border bottom style
*border-bottom-width*border bottom width
*border-collapse*border collapse
*border-color*border color

border-imagesets an image as border
border-image-outsetborder image area extends beyond the border box
border-image-repeatborder image repeated, rounded or stretched
border-image-slicehow to slice the border image
border-image-sourcepath to the border image
border-image-widthborder image width
border-leftleft border properties in one line
border-left-colorborder left color
border-left-styleborder left style
border-left-widthborder left width
border-radiusborder radius of the four rounded corners
border-rightright border properties in one line
border-right-colorborder right color
border-right-styleborder right style
border-right-widthborder right width
border-spacingborder spacing
border-styleborder style
border-toptop border properties in one line
border-top-colorborder top color
border-top-left-radiusborder top left radius
border-top-right-radiusborder top right radius
border-top-styleborder top style
border-top-widthborder top width
border-widthborder width
bottombottom offset for relative and absolute elements
box-shadowshadow to element
box-sizingbox sizing properties
caption-sideplacement of a table caption
cleardeny floating of an element
clipclip an absolutely positioned element
colortext color
column-countdivide the content in columns
column-fillbalanced fill or not
column-gapgap between the columns
column-ruleseparator between columns, like border
column-rule-colorcolumn rule color
column-rule-stylecolumn rule style
column-rule-widthcolumn rule width
column-spancolumn span
column-widthcolumn width
columnsset column-width and column-count
contentinsert content :before and :after elements
counter-incrementcount sections
counter-resetreset counter
cursorcursor type when element is hovered
directionwriting direction, Arabic is using rtl

display*box display type*
empty-cells*hide borders and background on empty table cells*
filter*image effects: grayscale, blur, invert etc.*
flex-item*length, relative to others inside the container*
flex-basis*initial length of a flexible item*
flex-direction*direction of the flexible items*
flex-flow*shorthand for flex-direction and flex-wrap*
flex-grow*how much the item will grow relative other items*
flex-shrink*how to shrink the item relative to other items*
flex-wrap*wrap flexible items*
float*float elements left or right*
font*all font properties in one line*
@font-face*declare non-web-safe fonts*
font-family*font of the element*
font-size*font size*
font-size-adjust*control font size if the first declared option is not available*
font-stretch*widen or narrow text*
font-style*font style: normal, italic, oblique*
font-variant*set small-caps*
font-weight*use bold or thin characters*
hanging-punctuation*can a punctuation mark be placed outside the line box?*
height*height of the element*
justify-content*justifies flexible container's items horizontally if necessary*
@keyframes*specifies the animation code*
left*left offset for relative and absolute elements*
letter-spacing*space between characters*
line-height*line height of text or inline-block elements*
list-style*all list properties in one line*
list-style-image*replace the list item marker with an image*
list-style-position*list item markers inside or outside the content flow*
list-style-type*set the type of the list item marker*
margin*set the top, right, bottom and left margins in one line*
margin-bottom*bottom margin*
margin-left*left margin*
margin-right*right margin*
margin-top*margin top*
max-height*maximum height of element*
max-width*maximum width of element*
@media*see media queries*
min-height*minimum height*
min-width*minimum width*
nav-down*where to navigate when the the arrow-down button is pressed*
nav-index*sets sequential navigation order*
nav-left*where to navigate when the the arrow-left button is pressed*
nav-right*where to navigate when the the arrow-right button is pressed*
nav-up*where to navigate when the the arrow-up button is pressed*

opacity*transparency level of an element*

order*reorder elements in a container*

outline*draw an outer border around elements*

outline-color*outline color*

outline-offset*gap between the element and the outline*

outline-style*outline style*

outline-width*outline width*

overflow*hide, display or scroll if the content overflows its container*

overflow-x*horizontal overflow*

overflow-y*vertical overflow*

padding*padding between the element border and content*

padding-bottom*padding bottom*

padding-left*padding left*

padding-right*padding right*

padding-top*padding top*

page-break-after*adds page break after an element*

page-break-before*adds page break before an element*

page-break-inside*allow page break inside an element*

perspective*how many pixels the 3D element is placed from the view*

perspective-origin*where is the 3D element based in the x- and y-axis*

position*positioning type: absolute, fixed, relative, static*

quotes*set quotation marks to wrap an element*

resize*declare resizable elements*

right*right offset for relative and absolute elements*

tab-size*tab character space length*

table-layout*table layout algorithm*

text-align*horizontal alignment of text*

text-align-last*horizontal alignment of last line of text*

text-decoration*overline, underline or line-through the text*

text-indent*indentation of the first line of the text*

text-overflow*the way how overflowed content is marked (ellipsis)*

text-shadow*text shadow*

text-transform*capitalization of text*

top*top offset for relative and absolute elements*

transform*2D 3D transformation. See widget.*

transform-origin*changes the position of transformed elements*

transform-style*render nested elements in 3D*

transition*transition properties in one line*

transition-delay*delay before transition effect start*

transition-duration*transition effect duration*

transition-property*which CSS property is the transition affecting*

transition-timing-function*speed curve of the transition*

unicode-bidi*should the text be overridden to support more languages*

user-select*disable user content selection*

vertical-align*vertical alignment*

visibility*visibility: hidden elements leave a gap*

white-space*how are white-spaces handled*

width*width of an element*

word-break*text breaking rules when text reaches the end of the container*

word-spacing*size of white space between words*

word-wrap*break long words and wrap onto the next line*

z-index*stack order of the element*