HTML

This HTML quick reference cheat sheet lists the common HTML and HTML5 tags in readable layout.

Getting Started

hello.html

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0'
    <title>HTML5 Boilerplate</title>
  </head>
  <body>
    <h1>Hello world, hello CheatSheets.zip!</h1>
  </body>
</html>
```

Or try it out in the jsfiddle

Comment

```
<!-- this is a comment -->

<!--
    Or you can comment out a
    large number of lines.
-->
```

```
<p>I'm from CheatSheets.zip</p>
<p>Share quick reference cheat sheet.</p>
```

See: The Paragraph element

```
<a href="https://cheatsheets.zip">CheatSheets</a>
<a href="mailto:jack@abc.com">Email</a>
<a href="tel:+12345678">Call</a>
<a href="sms:+12345678&body=ha%20ha">Msg</a>
```

href	The URL that the hyperlink points to
rel	Relationship of the linked URL
target	Link target location: _self, _blank, _top, _parent

See: The <a> Attributes

```
<img loading="lazy" src="https://xxx.png" alt="Describe image here" width="400" height="400" />
```

src	Required, Image location (URL | Path)
alt	Describe of the image
width	Width of the image
height	Height of the image
loading	How the browser should load

See: The Image Embed element

```
<b>Bold Text</b>
<strong>This text is important</strong>
<i>Italic Text</i>
<em>This text is emphasized</em>
<u>Underline Text</u>
<pre>Pre-formatted Text</pre>
<code>Source code</code>
<del>Deleted text</del>
<mark>Highlighted text (HTML5)</mark>
<ins>Inserted text</ins>
<sup>Makes text superscripted</sup>
<sub>Makes text subscripted</sub>
<small>Makes text smaller</small>
<kbd>Ctrl</kbd>
<blockquote>Text Block Quote</blockquote>
```

```
<h1>This is Heading 1</h1>
<h2>This is Heading 2</h2>
<h3>This is Heading 3</h3>
<h4>This is Heading 4</h4>
<h5>This is Heading 5</h5>
<h6>This is Heading 6</h6>
```

You should only have one h1 on your page

`<div></div>`	Division or Section of Page Content
`<span></span>`	Section of text within other content
`<p></p>`	Paragraph of Text
` `	Line Break
`<hr>`	Basic Horizontal Line

These are the tags used to divide your page up into sections

```
<iframe
  title="New York"
  width="342"
  height="306"
  id="gmap_canvas"
  src="https://maps.google.com/maps?q=2880%20Broadway,
%20New%20York&t=&z=13&ie=UTF8&iwloc=&output=embed"
  scrolling="no"
>
</iframe>
```

↓ Preview

2880 Broadway

2880 Broadway, New York, NY 10025, EUA

Ver mapa ampliado

See: The Inline Frame element

```
<script type="text/javascript">
  let text = "Hello CheatSheets.zip";
  alert(text);
</script>
```

External JavaScript

```
<body>
  ...

  <script src="app.js"></script>
</body>
```

```
<style type="text/css">
  h1 {
    color: purple;
  }
</style>
```

External stylesheet

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

HTML5 Tags

```
<body>
  <header>
    <nav>...</nav>
  </header>
  <main>
    <h1>CheatSheets.zip</h1>
  </main>
  <footer>
    <p>©2023 CheatSheets.zip</p>
  </footer>
</body>
```

```
<header>
  <nav>
    <ul>
      <li><a href="#">Edit Page</a></li>
      <li><a href="#">Twitter</a></li>
      <li><a href="#">Facebook</a></li>
    </ul>
  </nav>
</header>
```

article	Content that's independent
aside	Secondary content
audio	Embeds a sound, or an audio stream
bdi	The Bidirectional Isolate element
canvas	Draw graphics via JavaScript
data	Machine readable content
datalist	A set of pre-defined options
details	Additional information
dialog	A dialog box or sub-window
embed	Embeds external application
figcaption	A caption or legend for a figure
figure	A figure illustrated
footer	Footer or least important
header	Masthead or important information
main	The main content of the document
mark	Text highlighted
meter	A scalar value within a known range
nav	A section of navigation links
output	The result of a calculation
picture	A container for multiple image sources
progress	The completion progress of a task
rp	Provides fall-back parenthesis
rt	Defines the pronunciation of character
ruby	Represents a ruby annotation
section	A group in a series of related content

source	Resources for the media elements
summary	A summary for the <details> element
template	Defines the fragments of HTML
time	A time or date
track	Text tracks for the media elements
video	Embeds video
wbr	A line break opportunity

HTML5 Video

```html
<video controls="" width="100%">
  <source src="https://interactive-examples.mdn.mozilla.net/media/cc0-videos/flower.mp4" type="video/mp4" />
  Sorry, your browser doesn't support embedded videos.
</video>
```

↓ Preview

○   0:00 / 0:05   ○

```html
<audio controls src="https://interactive-examples.mdn.mozilla.net/media/cc0-audio/t-rex-roar.mp3">
  Your browser does not support the audio element.
</audio>
```

↓ Preview

◯   0:00 / 0:02   ◯

```html
<ruby> 汉 <rp>(</rp><rt>hàn</rt><rp>)</rp> 字 <rp>(</rp><rt>zì</rt><rp>)</rp> </ruby>
```

↓ Preview

hàn   zì

汉 字

```html
<ul>
  <li>User <bdi>hrefs</bdi>: 60 points</li>
  <li>User <bdi>jdoe</bdi>: 80 points</li>
  <li>User <bdi>إيان</bdi>: 90 points</li>
</ul>
```

↓ Preview

User hrefs: 60 points

User jdoe: 80 points

User إيان: 90 points

```html
<progress value="50" max="100"></progress>
```

```html
<p>I Love <mark>CheatSheets.zip</mark></p>
```

I Love CheatSheets.zip

HTML Tables

```html
<table>
  <thead>
    <tr>
      <td>name</td>
      <td>age</td>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Roberta</td>
      <td>39</td>
    </tr>
    <tr>
      <td>Oliver</td>
      <td>25</td>
    </tr>
  </tbody>
</table>
```

<table>	Defines a table
<th>	Defines a header cell in a table
<tr>	Defines a row in a table
<td>	Defines a cell in a table
<caption>	Defines a table caption
<colgroup>	Defines a group of columns
<col>	Defines a column within a table
<thead>	Groups the header content
<tbody>	Groups the body content
<tfoot>	Groups the footer content

colspan	Number of columns a cell should span
headers	One or more header cells a cell is related to
rowspan	Number of rows a cell should span

See: td#Attributes

colspan	Number of columns a cell should span
headers	One or more header cells a cell is related to
rowspan	Number of rows a cell should span
abbr	Description of the cell's content
scope	The header element relates to

See: th#Attributes

HTML Lists

```
<ul>
  <li>I'm an item</li>
  <li>I'm another item</li>
  <li>I'm another item</li>
</ul>
```

See: The Unordered List element

```
<ol>
  <li>I'm the first item</li>
  <li>I'm the second item</li>
  <li>I'm the third item</li>
</ol>
```

See: The Ordered List element

```
<dl>
  <dt>A Term</dt>
  <dd>Definition of a term</dd>
  <dt>Another Term</dt>
  <dd>Definition of another term</dd>
</dl>
```

See: The Description List element

HTML Forms

```
<form method="POST" action="api/login">
  <label for="mail">Email: </label>
  <input type="email" id="mail" name="mail" />
  <br />
  <label for="pw">Password: </label>
  <input type="password" id="pw" name="pw" />
  <br />
  <input type="submit" value="Login" />
  <br />
  <input type="checkbox" id="ck" name="ck" />
  <label for="ck">Remember me</label>
</form>
```

↓ Preview

Email: [   ]
Password: [   ]
Login
◼ Remember me

The HTML `<form>` element is used to collect and send information to an external source.

name	Name of form for scripting
action	URL of form script
method	HTTP method, POST / GET (default)
enctype	Media type, See enctype
onsubmit	Runs when the form was submit
onreset	Runs when the form was reset

```
<!-- Nested label -->
<label
  >Click me
  <input type="text" id="user" name="name" />
</label>


<!-- 'for' attribute -->
<label for="user">Click me</label>
<input id="user" type="text" name="name" />
```

for in a label references an input's id attribute

```
<label for="Name">Name:</label> <input type="text" name="Name" id="" />
```

↓ Preview

Username: [   ]

See: HTML input Tags

```
<textarea rows="2" cols="30" name="address" id="address"></textarea>
```

↓ Preview

[   ]

Textarea is a multiple-line text input control

```
<input type="radio" name="gender" id="m" />
<label for="m">Male</label>
<input type="radio" name="gender" id="f" />
<label for="f">Female</label>
```

↓ Preview

◉ Male ◉ Female

Radio buttons are used to let the user select exactly one

```
<input type="checkbox" name="s" id="soc" />
<label for="soc">Soccer</label>
<input type="checkbox" name="s" id="bas" />
<label for="bas">Baseball</label>
```

↓ Preview

◼ Soccer ◼ Baseball

Checkboxes allows the user to select one or more

```
<label for="city">City:</label>
<select name="city" id="city">
  <option value="1">Sydney</option>
  <option value="2">Melbourne</option>
  <option value="3">Cromwell</option>
</select>
```

↓ Preview

City: Sydney ▾

A select box is a dropdown list of options

```html
<fieldset>
  <legend>Your favorite monster</legend>
  <input type="radio" id="kra" name="m" />
  <label for="kraken">Kraken</label><br />
  <input type="radio" id="sas" name="m" />
  <label for="sas">Sasquatch</label>
</fieldset>
```

↓ Preview

Your favorite monster
- ⬤ Kraken
- ⬤ Sasquatch

```html
<label for="b">Choose a browser: </label>
<input list="list" id="b" name="browser" />
<datalist id="list">
  <option value="Chrome"></option>
  <option value="Firefox"></option>
  <option value="Internet Explorer"></option>
  <option value="Opera"></option>
  <option value="Safari"></option>
  <option value="Microsoft Edge"></option>
</datalist>
```

↓ Preview

Choose a browser: [   ]

```html
<form action="register.php" method="post">
  <label for="foo">Name:</label>
  <input type="text" name="name" id="foo" />
  <input type="submit" value="Submit" />
  <input type="reset" value="Reset" />
</form>
```

↓ Preview

Name: [   ] Submit Reset

Submit the data to server; Reset to default values

HTML input Tags

The input tag is an empty element, identifying the particular type of field information to obtain from a user.

```
<input type="text" name="?" value="?" minlength="6" required />
```

`type="…"`	The type of data that is being input
`value="…"`	Default value
`name="…"`	Used to describe this data in the HTTP request
`id="…"`	Unique identifier that other HTML elements
`readonly`	Stops the user from modifying
`disabled`	Stops any interaction
`checked`	The radio or checkbox select or not
`required`	Being compulsory, See required
`placeholder="…"`	Adds a temporary, See ::placeholder
`autocomplete="off"`	Disable auto completion
`autocapitalize="none"`	Disable auto capitalization
`inputmode="…"`	Display a specific keyboard, See inputmode
`list="…"`	The id of an associated datalist
`maxlength="…"`	Maximum number of characters
`minlength="…"`	Minimum number of characters
`min="…"`	Minimum numerical value on range & number
`max="…"`	Maximum numerical value on range & number
`step="…"`	How the number will increment in range & number
`pattern="…"`	Specifies a Regular expression, See pattern
`autofocus`	Be focused
`spellcheck`	Perform spell checking

`multiple`	Whether to allow multiple values
`accept=""`	Expected file type in file upload controls

Also see: Attributes for the <input> element

type="checkbox" ◼

type="radio" ⬤

type="file" [Procurar...] Nenhum arquiv...selecionado.

type="hidden"

type="text"

type="password"

type="image" Login

type="reset" Redefinir

type="button" button

type="submit" Fazer a consulta

New Input Types in HTML5

type="color"

type="date" dd / mm / aaaa 📅

type="time" -- : --

type="month"

type="datetime-local" dd / mm / aaaa , -- : -- 📅

type="week"

type="email"

type="tel"

type="url"

type="number"

type="search"

type="range"

`input:focus`

When its keyboard focused

See: Input pseudo classes

HTML meta Tags

Meta tags

The meta tag describes meta data within an HTML document. It explains additional material about the HTML.

```html
<meta charset="utf-8" />


<!-- title -->
<title>···</title>
<meta property="og:title" content="···" />
<meta name="twitter:title" content="···" />


<!-- url -->
<link rel="canonical" href="https://···" />
<meta property="og:url" content="https://···" />
<meta name="twitter:url" content="https://···" />


<!-- description -->
<meta name="description" content="···" />
<meta property="og:description" content="···" />
<meta name="twitter:description" content="···" />


<!-- image -->
<meta property="og:image" content="https://···" />
<meta name="twitter:image" content="https://···" />


<!-- ua -->
<meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1" />


<!-- viewport -->
<meta name="viewport" content="width=device-width" />
<meta name="viewport" content="width=1024" />
```

```html
<meta property="og:type" content="website" />
<meta property="og:locale" content="en_CA" />
<meta property="og:title" content="HTML cheatsheet" />
<meta property="og:url" content="https://cheatsheets.zip/html" />
<meta property="og:image" content="https://xxx.com/image.jpg" />
<meta property="og:site_name" content="Name of your website" />
<meta property="og:description" content="Description of this page" />
```

Used by Facebook, Instagram, Pinterest, LinkedIn, etc.

```html
<meta name="twitter:card" content="summary" />
<meta name="twitter:site" content="@FechinLi" />
<meta name="twitter:title" content="HTML cheatsheet" />
<meta name="twitter:url" content="https://cheatsheets.zip/html" />
<meta name="twitter:description" content="Description of this page" />
<meta name="twitter:image" content="https://xxx.com/image.jpg" />
```

See: Twitter Card Documentation

```html
<meta name="ICBM" content="45.416667,-75.7" />
<meta name="geo.position" content="45.416667;-75.7" />
<meta name="geo.region" content="ca-on" />
<meta name="geo.placename" content="Ottawa" />
```

See: Geotagging

Also see

HTML 4.01 Specification (w3.org)

Related Cheatsheet

HTML Canvas Cheatsheet
Quick Reference

CSS 3 Cheatsheet
Quick Reference

Django Cheatsheet
Quick Reference

JavaScript Cheatsheet
Quick Reference

Recent Cheatsheet

Unreal Engine Cheatsheet
Quick Reference

OCaml Cheatsheet
Quick Reference

Unity Shader Graph Cheatsheet
Quick Reference

Pandas Cheatsheet
Quick Reference