

# 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 QuickRef.ME!</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.
-->
```

Paragraph

```
<p>I'm from QuickRef.ME</p>
<p>Share quick reference cheat sheet.</p>
```

See: [The Paragraph element](#)

[HTML Link](#)

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

<code>href</code>	The URL that the hyperlink points to
-------------------	--------------------------------------

<code>rel</code>	Relationship of the linked URL
------------------	--------------------------------

<code>target</code>	Link target location: <code>_self, _blank, _top, _parent</code>
---------------------	--

See: [The <a> Attributes](#)

[Image Tag](#)

```

```

<code>src</code>	Required, Image location (URL   Path)
------------------	---------------------------------------

<code>alt</code>	Describe of the image
------------------	-----------------------

<code>width</code>	Width of the image
--------------------	--------------------

<code>height</code>	Height of the image
---------------------	---------------------

<code>loading</code>	How the browser should load
----------------------	-----------------------------

See: [The Image Embed element](#)

[Text Formatting Tags](#)

```
<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>
```

## Headings

```
<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

## Section Divisions

<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

## Inline Frame

```
<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,  
USA

[View larger map](#)



[JavaScript in HTML](#)

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

External JavaScript

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

[CSS in HTML](#)

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

External stylesheet

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

# # HTML5 Tags

Document

```
<body>
  <header>
    <nav>...</nav>
  </header>
  <main>
    <h1>QuickRef.ME</h1>
  </main>
  <footer>
    <p>©2023 QuickRef.ME</p>
  </footer>
</body>
```

Header Navigation

```
<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>
```

HTML5 Tags

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

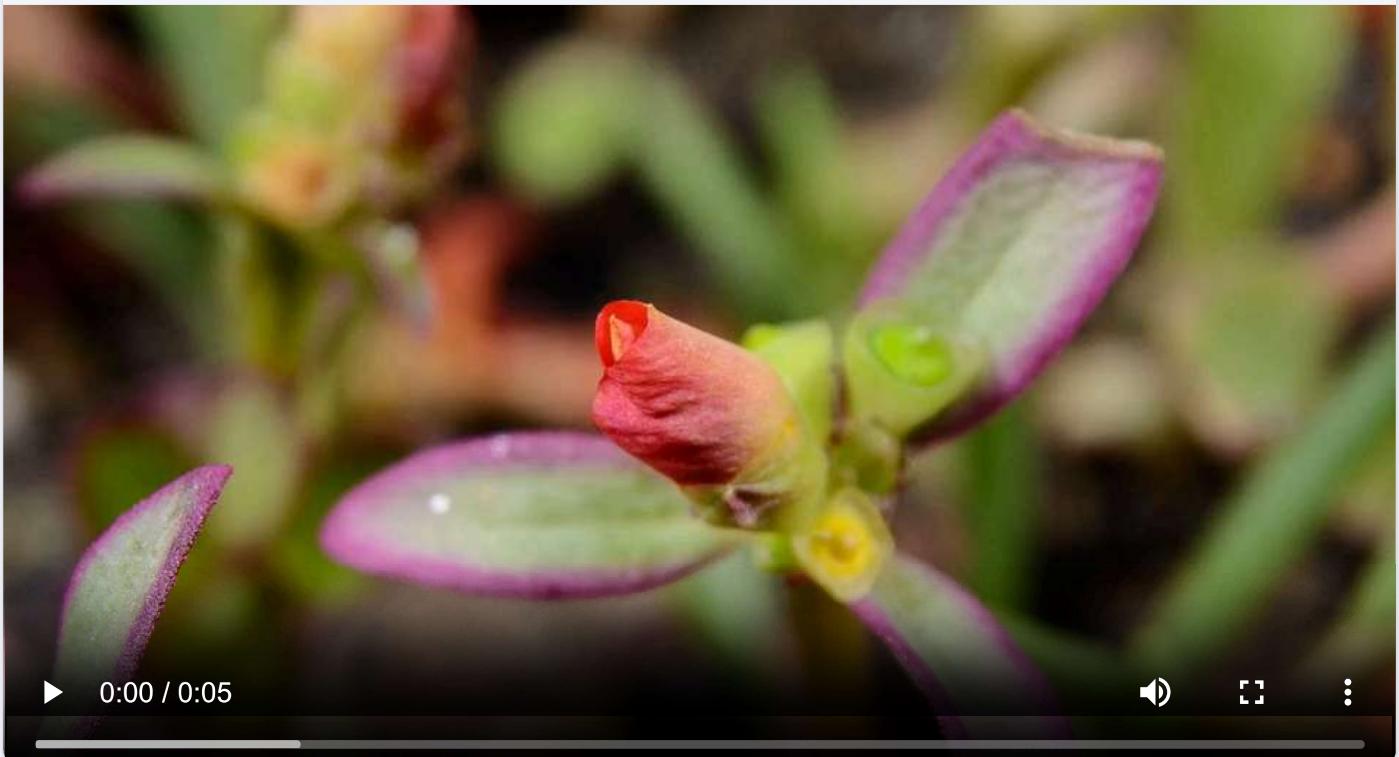
dialog	A dialog box or sub-window
embed	Embeds external application
figcaption	A caption or legend for a figure
figure	A figure illustrated
footer	Footer or least important
header	Masthead or important information
main	The main content of the document
mark	Text highlighted
meter	A scalar value within 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

HTML5 Video

```
<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



HTML5 Audio

```
<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



HTML5 Ruby

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

↓ Preview

```
<ul>
- User <bdi>hrefs</bdi>: 60 points
- User <bdi>jdoe</bdi>: 80 points
- User <bdi>إیان</bdi>: 90 points

</ul>
```

↓ Preview

- User hrefs: 60 points
- User jdoe: 80 points
- User إیان: 90 points

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



```
<p>I Love <mark>QuickRef.ME</mark></p>
```

I Love **QuickRef.ME**

## # HTML Tables

```
<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>

```

### HTML Table Tags

<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

### <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

See: [td#Attributes](#)

### <th> 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

## # HTML Lists

Unordered list

```
<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](#)

Ordered list

```
<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](#)

Definition list

```
<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 tags

```
<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.

Form Attribute

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

Label tags

```
<!-- 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

Input tags

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

↓ Preview

Username:

See: [HTML input Tags](#)

Textarea tags

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

↓ Preview



Textarea is a multiple-line text input control

Radio Buttons

```
<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

Checkboxes

```
<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

Select tags

```
<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

Fieldset tags

```
<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

Datalist tags(HTML5)

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

↓ Preview

Choose a browser:

Submit and Reset Buttons

```
<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

Input Attributes

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

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

#### Input types

<code>type="checkbox"</code>	<input type="checkbox"/>
<code>type="radio"</code>	<input type="radio"/>

`type="file"`

Choose File No file chosen

`type="hidden"`

`type="text"`

`type="password"`

`type="image"`

Login

`type="reset"`

Reset

`type="button"`

Button

`type="submit"`

Submit

### New Input Types in HTML5

`type="color"`

`type="date"`

 dd-mm-yyyy 

`type="time"`

 --:-- 

`type="month"`

 -----, ---- 

`type="datetime-local"`

 dd-mm-yyyy --:-- 

`type="week"`

 Week --, ---- 

`type="email"`

`type="tel"`

`type="url"`

`type="number"`

`type="search"`

`type="range"`

Input CSS selectors

`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.

```
<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">
```

Open Graph

```
<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://quickref.me/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.

Twitter Cards

```
<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://quickref.me/html">
<meta name="twitter:description" content="Description of this page">
<meta name="twitter:image" content="https://xxx.com/image.jpg">
```

See: [Twitter Card Documentation](#)

Geotagging

```
<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

[CSS 3 Cheatsheet](#)

Quick Reference

[JavaScript Cheatsheet](#)

Quick Reference

[jQuery Cheatsheet](#)

[Quick Reference](#)

[Laravel Cheatsheet](#)

[Quick Reference](#)

## Recent Cheatsheet

[Remote Work Revolution Cheatsheet](#)

[Quick Reference](#)

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[PyTorch Cheatsheet](#)

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