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HTML cheatsheet

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>
```

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>
```

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

Image Tag

```

```

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

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 Quotes</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

```
<br>
```

Line Break

```
<hr>
```

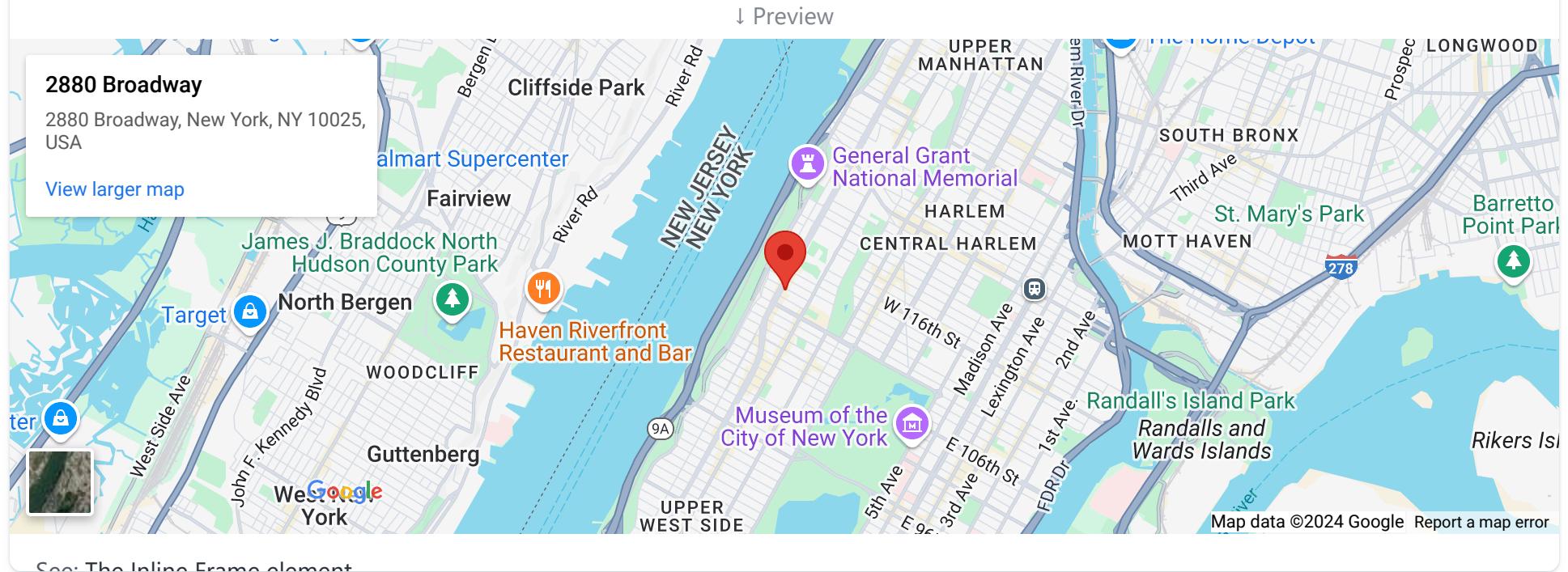
Basic Horizontal Line

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>
```



JavaScript in HTML

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

External JavaScript

<body>

3

```
<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
wbr	Δ line break opportunity

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

hàn zì
汉字

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

↓ Preview

User hrefs: 60 points

User jdoe: 80 points

User إیلان: 90 points

HTML5 progress

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

HTML5 mark

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

I Love QuickRef.ME

HTML Tables

Table Example

```
<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

Defines a table

 |

Defines a header cell in a table

|

Defines a row in a table

 |

Defines a cell in a table

Defines a table caption

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
See: th#Attributes	

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>
```

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, POST / GET (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:

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

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

Input types

`type="checkbox"`

`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"`

mm/dd/yyyy

`type="time"`

--:-- --

`type="month"`

----- -----

`type="datetime-local"`

mm/dd/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

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