

“<!-- -->” Tag

Basic:

```
<!-- This is a comment. Comments are not displayed in the browser -->
```

“<!DOCTYPE>” Declaration Tag

Basic:

```
<!Doctype html>  
<html>  
<head>  
    <title></title>  
</head>  
    <body></body>  
</html>
```

“<Html>”

Basic:

```
<!Doctype html>  
<html>  
<head>  
    <title></title>  
</head>  
    <body></body>  
</html>
```

“<Head>”

Basic:

```
<html>
<head>
  <title></title>
</head>
  <body></body>
</html>
```

“<Body>”

Basic:

```
<html>
<head></head>
<body></body>
</html>
```

“<Footer>”

Basic:

```
<html>
<head></head>
<body></body>
  <footer></footer>
</html>
```

“<Title>”

Basic:

```
<title>HTML Elements Reference</title>
```

“<Heading>”

Basic:

```
<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>
```

Use Tag:

h1, h2, h3, h4, h5, h6

“<P>”

Basic:

```
<p>To force line breaks in a text, use the element.</p>
```

“
”

Basic:

```
<p>To force<br> line breaks<br> in a text,<br> use the br<br> element.</p>
```

“<Wbr>”

Basic:

<p>To learn AJAX, you must be familiar with the XML<wbr>Http<wbr>Request Object.</p>

“<Hr>”

Basic:

<p>To force line breaks in a text, use the element.</p><hr>

“”

Basic:

Your this is bold text

“”

Basic:

 tag is much like the element, but is a block-level element and

“<i>”

Basic:

<i>Monthly savings</i>

“<Abbr>”

Basic:

The <abbr title="World Health Organization">WHO</abbr> was founded in 1948.

Attributes:

Title

“<A>”

Basic:

Visit Google.com!

Attributes:

href	download	hreflang	media	ping
Target _blank, _parent, _self, _top	Type	Title	Rel alternate, author, bookmark, external, help, icense, next, nofollow, norereferrer, noopener, prev, search, tag	Referrerpolicy no-referrer, no-referrer-when-, downgrade, origin, origin-when-cross- origin, unsafe-url

Definition:

Hreflang - Specifies the language of the linked document.

Ping - Specifies a space-separated list of URLs to which, when the link is followed, post requests with the body ping will be sent by the browser (in the background). Typically used for tracking.

Referrerpolicy - Specifies which referrer to send.

“<Nav>”

Basic:

```
<nav>  
  
  <a href="/html/">HTML</a>  
  
  <a href="/css/">CSS</a>  
  
  <a href="/js/">JavaScript</a>  
  
  <a href="/python/">Python</a>  
  
</nav>
```

“<Mark>”

Basic:

```
<mark>Monthly savings</mark>
```

“<U>”

Basic:

```
<u>Epcot is a theme park at Walt Disney World Resort featuring exciting attractions, international pavilions, award-winning fireworks and seasonal special events. </u>
```

“<Address>”

Basic:

<address>

Written by Visit us at

Example.com

Box 564, Disneyland USA

</address>

“<Center>”

Basic:

<center>Monthly savings</center>

“<Sup>”

Basic:

<p>This text contains ^{superscript} text.</p>

“<Sub>”

Basic:

<p>This text contains _{subscript} text.</p>

“<Aside>”

Basic:

<aside> Epcot is a theme park at Walt Disney World Resort featuring exciting attractions, international pavilions, award-winning fireworks and seasonal special events. </aside>

“<bdi>”

Basic:

<bdi>hrefs</bdi>

“<bdo>”

Basic:

<bdo dir="rtl">

This text will go right-to-left.

</bdo>

Attributes:

Dir – rtl, ltr

“”

Basic:

This is an open dialog window

“<Article>”

Basic:

<article>

Google Chrome is a web browser developed by Google, released in 2008. Chrome is the world's most popular web browser today!

</article>

“<Small>”

Basic:

<small> This is Small tag </small>

“<Pre>”

Basic:

<pre>

Text in a pre element
is displayed in a fixed-width
font, and it preserves
both spaces and
line breaks

</pre>

“<Blockquote>”

Basic:

```
<blockquote cite="http://www.worldwildlife.org/who/index.html">
```

For 50 years, WWF has been protecting the future of nature. The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally.

```
</blockquote>
```

Use tags:

Cite

Attributes:

Cite

“<Cite>”

Basic:

```
<cite>The Scream</cite>
```

“<Code>”

Basic:

```
<code>The Scream</code>
```

“<Samp>”

Basic:

```
<smap>The Scream</smap>
```

“<Var>”

Basic:

<p>The area of a triangle is: $1/2 \times \text{<var>b</var>} \times \text{<var>h</var>}$, where <var>b</var> is the base, and <var>h</var> is the vertical height.</p>

“<Ins>”

Basic:

<ins>The Scream</ins>

“”

Basic:

The Scream

“<Kbd>”

Basic:

<kbd>Ctrl</kbd> + <kbd>C</kbd>

“<Dfn>”

Basic:

<p><dfn>HTML</dfn> is the standard markup language for creating web pages.</p>

“<Q>”

Basic:

<q>Text in a pre element</q>

“<S>”

Basic:

<s>Text in a pre element</s>

“<DI>”

Basic:

<dl>

<dt>Coffee</dt>

<dd>Black hot drink</dd>

<dt>Milk</dt>

<dd>White cold drink</dd>

</dl>

Use Tag

dt, dd

“”

Basic:

```
<ol start="50">  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Milk</li>  
</ol>
```

Use Tag

li

Attributes:

reversed	Start	Type 1, A, a, I, i
----------	-------	-----------------------

“”

Basic:

```
<ol>  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Milk</li>  
</ol>
```

Attributes:

Value

“”

Basic:

```
<ul>

    <li>Coffee</li>

    <li>Tea</li>

    <li>Milk</li>

</ul>
```

Use Tag

li

“<Dialog>”

Basic:

```
<dialog open>This is an open dialog window</dialog>
```

Attributes:

Open

“”

Basic:

```

```

Attributes:

width	height	src	alt	loading
longdec	Referrerpolicy no-referrer, no-referrer-when-downgrade, origin, origin-when-cross-origin, unsafe-url	size	usemap	ismap

Definition:

crossorigin - Allow images from third-party sites that allow cross-origin access to be used with canvas.

loading - Specifies whether a browser should load an image immediately or to defer loading of images until some conditions are met.

longdesc - Specifies a URL to a detailed description of an image.

referrerpolicy - Specifies which referrer to use when fetching the image.

sizes - Specifies image sizes for different page layouts.

srcset - Specifies a list of image files to use in different situations.

“<Audio>”

Basic:

<audio controls>

<source src="horse.mp3" type="audio/mp3">

</audio>

Attributes:

autoplay	controls	loop	muted	src	preload auto, metadata, none
----------	----------	------	-------	-----	---------------------------------

Definition:

Preload - Specifies if and how the author thinks the audio should be loaded when the page loads.

“<Video>”

Basic:

```
<video controls width="250px" height="250px">
```

```
<source src="horse.mp4" type="audio/mp4">
```

Your browser does not support the video tag.

```
</video>
```

Attributes:

autoplay	controls	loop	muted	src
height	width	poster	preload auto, metadata, none	

“<Source>”

Basic:

```
<audio controls>
```

```
<source src="horse.mp3" type="audio/mp3">
```

Your browser does not support the audio element.

```
</audio>
```

Attributes:

media	sizes	srcset	type	src
-------	-------	--------	------	-----

“<Track>”

Basic:

```
<video width="320" height="240" controls>  
  <source src="forrest_gump.mp4" type="video/mp4">  
  <source src="forrest_gump.ogg" type="video/ogg">  
  <track src="fgsubtitles_en.vtt" kind="subtitles" srclang="en" label="English">  
  <track src="fgsubtitles_no.vtt" kind="subtitles" srclang="no" label="Norwegian">  
</video>
```

Attributes:

ind	default	label	src	srclang
-----	---------	-------	-----	---------

“<Main>”

Basic:

```
<main> <p>Chrome, Firefox, and Edge are the most used browsers today.</p> </main>
```

“<Embed>”

Basic:

```
<embed type="image/jpg" src="pic_trulli.jpg" width="300px" height="200px"> </embed>
```

Attributes:

Height	Width	Src	Type
--------	-------	-----	------

“<Iframe>”

Basic:

```
<iframe width="853px" height="480px" src="https://www.youtube.com/embed/Z4qPvxAxwAk"
frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope;
picture-in-picture" allowfullscreen></iframe>
```

Attributes:

Height	Width	Src	Type	Sandbox	Srdoc
				allow-forms, allow-pointer-lock, allow-popups, allow-same-origin, allow-scripts, allow-top-navigation	
allow	Allow full screen true, false	Allow payment request true, false	Loading eager, lazy	Referrerpolicy no-referrer, no-referrer-downgrade, origin, origin-when-cross-origin, same-origin, strict-origin, strict-origin-when-cross-origin, unsafe-url	

Definition:

allow payment request - Set to true if a cross-origin <iframe> should be allowed to invoke the Payment Request API.

loading - Specifies whether a browser should load an iframe immediately or to defer loading of iframes until some conditions are met.

referrer policy - Specifies how much/which referrer information that will be sent when processing the iframe attributes.

sandbox - Enables an extra set of restrictions for the content in an <iframe>.

srcdoc - Specifies the HTML content of the page to show in the <iframe>.

“<Figure>”

Basic:

```
<figure>  
    
  <figcaption>Fig.1 - Trulli, Puglia, Italy.</figcaption>  
</figure>
```

Use Tag

figcaption

“<Figcaption>”

Basic:

```
<figure>  
    
  <figcaption>Fig.1 - Trulli, Puglia, Italy.</figcaption>  
</figure>
```

“<Progress >”

Basic:

```
<progress value="32" max="100"> 32% </progress>
```

Attributes:

Max	Min	Value
-----	-----	-------

“<Meter>”

Basic:

```
<meter value="50" min="0" max="100" high="60" low="30">50 out of 100</meter>
```

Attributes:

Max	Min	Form	Low	Optimum	High	Value
-----	-----	------	-----	---------	------	-------

Definition:

optimum - Specifies what value is the optimal value for the gauge.

“<Section>”

Basic:

```
<Section>
```

```
<h1>Epcot Center</h1>
```

```
<p>Epcot is a theme park at Walt Disney World Resort featuring exciting attractions</p>
```

```
</Section>
```

“<Div>”

Basic:

```
<div>This is an open dialog window</div>
```

“”

Basic:

 tag is much like the `element`, but <div> is a block-level element and

“<Details>”

Basic:

<details>

<summary>Epcot Center</summary>

<p>Epcot is a theme park at Walt Disney World Resort featuring exciting attractions, international pavilions, award-winning fireworks and seasonal special events. </p>

</details>

Attributes:

Open

Use Tag:

Summary

“<Summary>”

Basic:

<details>

<summary>Epcot Center</summary>

<p>Epcot is a theme park at Walt Disney World Resort featuring exciting attractions</p>

</details>

“<Param>”

Basic:

```
<object data="horse.mp4" width="100px" height="100px">  
  <param name="autoplay" value="true">  
</object>
```

Use Tags:

Param

Attributes:

Name, Value

“<Object>”

Basic:

```
<object data="snippet.html" width="500px" height="200px"></object>
```

Use Tags:

Param

Attributes:

data	form	height	name
type	Type must match True, false.	use map	width

Definition:

type must match - Specifies whether the type attribute and the actual content of the resource must match to be displayed.

Usemap - Specifies the name of a client-side image map to be used with the object.

“<Picture>”

Basic:

```
<picture>
  <source media="(max-width:650px)" srcset="img_pink_flowers.jpg">
  <source media="(max-width:465px)" srcset="img_white_flower.jpg">
  
</picture>
```

Use Tags:

Source, Img

“<Time>”

Basic:

```
<p>Open from <time>10:00</time> to <time>21:00</time> every weekday.</p>
<p>I have a date on <time datetime="2008-02-14 20:00">Valentines day</time>.</p>
```

Attributes:

datetime

“<Base>”

Basic:

```
<base href="https://www.w3schools.com/" target="_blank">
```

Attributes:

href	Target
	_blank,_parent,_self,_top

“<Caption>”

Basic:

```
<table>
  <caption>Monthly savings</caption>
  <tr>
    <th>Month</th>
    <th>Savings</th>
  </tr>
  <tr>
    <td>January</td>
    <td>$100</td>
  </tr>
</table>
```

“<Table>”

Basic:

```
<table>
  <thead>
    <tr>
      <th></th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td></td>
    </tr>
  </tbody>
</table>
```

“<Colgroup>”

Basic:

```
<colgroup>
  <col span="2" style="background-color:red">
  <col style="background-color:yellow">
</colgroup>
```

Use Tag:

col

Attributes:

Span

“<Fieldset>”

Basic:

```
<fieldset>
  <legend>Personalia:</legend>
</fieldset>
```

Use Tag:

Legend

Attributes:

disabled	form	name
----------	------	------

“<Form>”

Basic:

```
<form action="/action_page.php" method="get">  
  <label for="fname">First name:</label>  
  <input type="text" id="fname" name="fname">  
</form>
```

Use Tag:

Input, textarea, button, select, option, optgroup, datalist, data, fieldset, label, output

Attributes:

accept-charset	action	Autocomplete On, off	Enctype application/x-www-form-urlencoded multipart/form data text/plain	Target _blank, _self, _parent, _top
Method Get, post	Name	no validate	Rel External, help, license, next, nofollow, noopener, norereferrer, opener, prev, search	

Definition:

accept - character_set Specifies the character encodings that are to be used for the form submission.

Enctype - Specifies how the form-data should be encoded when submitting it to the server (only for method="post").

Rel - Specifies the relationship between a linked resource and the current document.

“<Label>”

Basic:

```
<form action="/action_page.php" method="get">
  <label for="fname">First name:</label>
  <input type="text" id="fname" name="fname">
</form>
```

Attributes:

form, for

“<Select>”

Basic:

```
<select name="cars" id="cars">
  <option value="volvo">Volvo</option>
  <option value="saab">Saab</option>
  <option value="mercedes">Mercedes</option>
  <option value="audi">Audi</option>
</select>
```

Use Tag:

option, optgroup

Attributes:

autofocus	disabled	form	multiple
name	required	size	

“<Input>”

Basic:

```
<form action="/action_page.php" method="get">  
  <label for="fname">First name:</label>  
  <input type="text" id="fname" name="fname">  
</form>
```

Attributes:

value	Type button, checkbox, color, date, datetime-local, email, file, hidden, image, month, number, password, radio, range, reset, search, submit, text, tel, time, url, week	Placeholder	accept	name
list	pattern	Autocomplete On, off	readonly	Required
autofocus	checked	size	disabled	form
formaction	formenctype	Formmethod Get, post	formnovalidate	Formtarget _blank, _self, _parent, _top
height	width	max	maxlength	min
minlength	multiple	alt	src	step
dirname				

Definition:

accept (file_extension) - Specifies a filter for what file types the user can pick from the file input dialog box (only for type="file").

dirname - Specifies that the text direction will be submitted.

formaction (url) - Specifies the URL of the file that will process the input control when the form is submitted (for type="submit" and type="image").

Pattern (regexp) - Specifies a regular expression that an <input> element's value is checked against.

size (number) - Specifies the width, in characters, of an <input> element.

step (number any) - Specifies the interval between legal numbers in an input field.

“<Option>”

Basic:

```
<select name="cars" id="cars">
  <option value="volvo">Volvo</option>
  <option value="saab">Saab</option>
  <option value="mercedes">Mercedes</option>
  <option value="audi">Audi</option>
</select>
```

Attribute:

disabled	label	selected	value
----------	-------	----------	-------

“<Optgroup>”

Basic:

```
<select name="cars" id="cars">
  <optgroup label="Swedish Cars">
    <option value="volvo">Volvo</option>
    <option value="saab">Saab</option>
  </optgroup>
  <optgroup label="German Cars">
    <option value="mercedes">Mercedes</option>
    <option value="audi">Audi</option>
  </optgroup>
</select>
```

Attribute:

label, disabled

“<Data>”

Basic:

```
<data value="21053">
```

Attributes:

Value

“<Datalist>”

Basic:

```
<label for="browser">Choose your browser from the list:</label>
```

```
<input list="browsers" name="browser" id="browser">
```

```
<datalist id="browsers">
```

```
  <option value="Edge">
```

```
  <option value="Firefox">
```

```
  <option value="Chrome">
```

```
</datalist>
```

Attributes:

Autofocus	Disabled	Form	Multiple
Required	Size	Name	

“<Textarea>”

Basic:

```
<textarea id="w3review" name="w3review" rows="4" cols="50">
```

At w3schools.com you will learn how to make a website. They offer free tutorials in all web development technologies. </textarea>

Attributes:

cols	rows	placeholder	Wrap hard, soft
autofocus	dirname	disabled	form
name	required	maxlength	readonly

Definition:

Dirname (textareaname.dir) - Specifies that the text direction of the text area will be submitted.

“<Button>”

Basic:

<button type="button">Click Me!</button>

Attributes:

Autofocus	Disabled	Form	Formaction	Formenctype	Value
				application/x-www-form-urlencoded multipart /form-data text /plain	
Formmethod	Formnovalidate	Formtarget	Name	Type	
Get,post	Default, Rect, Circle, Poly	_Blank,_Parent,_Self,_Top		Button,reset,submit	

Definition:

Formenctype - Specifies how form-data should be encoded before sending it to a server. Only for type="submit".

“<Output>”

Basic:

```
<form oninput="x.value=parseInt(a.value)+parseInt(b.value)">  
  <input type="range" id="a" value="50">  
  +<input type="number" id="b" value="25">  
  =<output name="x" for="a b"></output>  
</form>
```

Attributes:

For, from, name

“<Map>”

Basic:

```
<map name="workmap">  
  <area shape="rect" coords="34,44,270,350" alt="Computer" href="computer.htm">  
</map>
```

Attributes:

Name

“<Area>”

Basic:

```
<map name="workmap">  
  <area shape="rect" coords="34,44,270,350" alt="Computer" href="computer.htm">  
</map>
```


Attributes:

Alt	coords	Download	Hreflang	Media
Rel alternate, author, bookmark, help, cense, next, nofollow, norereferrer, refetch, prev, search	Shape default, rect, circle, poly	Target _blank, _parent, _self, _top	Type	Href

Definition:

hreflang (language_code) - Specifies the language of the target URL.

“<Style>”

Basic:

```
<style>
  h1 {color:red;}
  p {color:blue;}
</style>
```

Attributes:

Media, type

“<Link>”

Basic:

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

Attributes:

href	type	hreflang	Rel Alternate, Author, dns-prefetch, help, icon, license, next, pingback, preconnect, prefetch, preload, prerender, prev, search, stylesheet
Sizes	Title	media	Referrerpolicy no-referrer, no-referrer-when-downgrade, origin, origin-when-cross-origin, unsafe-url

“<Meta>” (css)

Basic:

<head>

<meta charset="UTF-8">

<meta name="description" content="Free Web tutorials">

<meta name="keywords" content="HTML, CSS, JavaScript">

<meta name="author" content="John Doe">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

Attributes:

charset	content	http-equiv content-security-policy, content-type, default-style, refresh	name application-name, author, description, generator, keywords, viewport
---------	---------	---	--

Definition:

charset - Specifies the character encoding for the HTML document.

http-equiv - Provides an HTTP header for the information/value of the content attribute.

“<Svg>”

Basic:

```
<svg width="100px" height="100px">
  <circle cx="50" cy="50" r="50" stroke="green" stroke-width="4" fill="yellow" />
</svg>

<svg width="400px" height="100px">
  <rect width="400" height="100" fill stroke="green" stroke-width="4" fill="yellow" />
</svg>

<svg width="400px" height="180px">
  <rect x="50" y="20" rx="20" ry="20" width="150"
    height="150" style="fill:red;stroke:black;stroke-width:5;opacity:0.5" />
</svg>

<svg width="300px" height="200px">
  <polygon points="100,10 40,198 190,78 10,78 160,198"
    style="fill:lime;stroke:purple;stroke-width:5;fill-rule:evenodd;" />
</svg>

<svg height="130px" width="500px">
  <defs>
    <linearGradient id="grad1" x1="0%" y1="0%" x2="100%" y2="0%">
      <stop offset="0%" style="stop-color:rgb(255,255,0);stop-opacity:1" />
      <stop offset="100%" style="stop-color:rgb(255,0,0);stop-opacity:1" />
    </linearGradient>
  </defs>
  <ellipse cx="100" cy="70" rx="85" ry="55" fill="url(#grad1)" />
  <text fill="#ffffff" font-size="45" font-family="Verdana" x="50" y="86">SVG</text>
</svg>
```

Attributes:

Width, height

“<Script>” (JavaScript)

Basic:

```
<script>

    document.getElementById("demo").innerHTML = "Hello JavaScript!";

</script>
```

Attributes:

Async	charset	Defer	Src	Type
-------	---------	-------	-----	------

“<Noscript>” (JavaScript)

Basic:

```
<script>

    document.write("Hello World!")

</script>

<noscript>Your browser does not support JavaScript!</noscript>
```

“<Template>” (JavaScript)

Basic:

```
<button onclick="showContent()">Show hidden content</button>

<template>

    <h2>Flower</h2>

    

</template>

<script>

    function showContent() {

        var temp = document.getElementsByTagName("template")[0];
```

```

        var clon = temp.content.cloneNode(true);
        document.body.appendChild(clon);
    }
</script>

```

“<Canvas>” (JavaScript)

Basic:

```

<canvas id="myCanvas">
    Your browser does not support the canvas tag. </canvas>
<script>
    var canvas = document.getElementById("myCanvas");
    var ctx = canvas.getContext("2d");
    ctx.fillStyle = "#FF0000";
    ctx.fillRect(0, 0, 80, 80);
</script>

```

Attributes:

height, width

“<Global Attributes>”

Attributes:

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

Definition:

data-* - Used to store custom data private to the page or application.

contenteditable -	Specifies whether the content of an element is editable or not.
draggable -	Specifies whether an element is draggable or not.
spellcheck -	Specifies whether the element is to have its spelling and grammar checked or not.
translate -	Specifies whether the content of an element should be translated or not.

