All HTML elements can have attributes

The title attribute provides additional "tool-tip" information

The href attribute provides address information for links

The width and height attributes provide size information for images

The alt attribute provides text for screen readers

At W3Schools we always use lowercase attribute names

At W3Schools we always quote attribute values with double quotes

**Atribute Description**

alt Specifies an alternative text for an image, when the image cannot be displayed

disabled Specifies that an input element should be disabled

href Specifies the URL (web address) for a link

Id Specifies a unique id for an element

src Specifies the URL (web address) for an image

style Specifies an inline CSS style for an element

title Specifies extra information about an element (displayed as a tool tip)

style Specifies the style of an element

**Tag Description**

<html> Defines the root of an HTML document

<body> Defines the document's body

<head> A container for all the head elements (title, scripts, styles, meta information, and more)

<h1> to <h6> Defines HTML headings

<hr> Defines a thematic change in the content

<p> Defines a paragraph

<br> Inserts a single line break

<pre> Defines pre-formatted text

<b> Defines bold text

<em> Defines emphasized text

<i> Defines italic text

<small> Defines smaller text

<strong> Defines important text

<sub> Defines subscripted text

<sup> Defines superscripted text

<ins> Defines inserted text

<del> Defines deleted text

<mark> Defines marked/highlighted text

<abbr> Defines an abbreviation or acronym

<address> Defines contact information for the author/owner of a document

<bdo> Defines the text direction

<blockquote> Defines a section that is quoted from another source

<cite> Defines the title of a work

<q> Defines a short inline quotation

<img> Defines an image

<map> Defines an image-map

<area> Defines a clickable area inside an image-map

<picture> Defines a container for multiple image resources

<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> Specifies a group of one or more columns in a table for formatting

<col> Specifies column properties for each column within a <colgroup> element

<thead> Groups the header content in a table

<tbody> Groups the body content in a table

<tfoot> Groups the footer content in a table

<ul> Defines an unordered list

<ol> Defines an ordered list

<li> Defines a list item

<dl> Defines a description list

<dt> Defines a term in a description list

<dd> Describes the term in a description list

<div> Defines a section in a document (block-level)

<span> Defines a section in a document (inline)

<iframe> Defines an inline frame

<script> Defines a client-side script

<noscript> Defines an alternate content for users that do not support client-side scripts

<head> Defines information about the document

<title> Defines the title of a document

<base> Defines a default address or a default target for all links on a page

<link> Defines the relationship between a document and an external resource

<meta> Defines metadata about an HTML document

<script> Defines a client-side script

<style> Defines style information for a document

<code> Defines programming code

<kbd> Defines keyboard input

<samp> Defines computer output

<var> Defines a variable

<pre> Defines preformatted text

**LINKS TARGETS**

The target attribute specifies where to open the linked document. The target attribute can have one of the following values:

\_blank - Opens the linked document in a new window or tab

\_self - Opens the linked document in the same window/tab as it was clicked (this is default)

\_parent - Opens the linked document in the parent frame

\_top - Opens the linked document in the full body of the window

“framename” - Opens the linked document in a named frame

**TABLE CSS:**

Use the CSS border property to define a border

Use the CSS border-collapse property to collapse cell borders

Use the CSS padding property to add padding to cells

Use the CSS text-align property to align cell text

Use the CSS border-spacing property to set the spacing between cells

Use the colspan attribute to make a cell span many columns

Use the rowspan attribute to make a cell span many rows

Use the id attribute to uniquely define one table

**LISTS STYLE (UL)** Type attribute or CSS list-style-type property

disc Sets the list item marker to a bullet (default)

circle Sets the list item marker to a circle

square Sets the list item marker to a square

none he list items will not be marked

**LIST STYLE (OL)** Type attribute

type="1" The list items will be numbered with numbers (default)

type="A" The list items will be numbered with uppercase letters

type="a" The list items will be numbered with lowercase letters

type="I" The list items will be numbered with uppercase roman numbers

type="i" The list items will be numbered with lowercase roman numbers

**FORMS**

<input type="text"> Defines a one-line text input field

<input type="radio"> Defines a radio button (for selecting one of many choices)

<input type="submit"> Defines a submit button (for submitting the form)

<form> Defines an HTML form for user input

<input> Defines an input control

<textarea> Defines a multiline input control (text area)

<label> Defines a label for an <input> element

<fieldset> Groups related elements in a form

<legend> Defines a caption for a <fieldset> element

<select> Defines a drop-down list

<optgroup> Defines a group of related options in a drop-down list

<option> Defines an option in a drop-down list

<button> Defines a clickable button

<datalist> Specifies a list of pre-defined options for input controls

<output> Defines the result of a calculation

**ATRIBUTTES:**

accept-charset Specifies the charset used in the submitted form (default: the page charset).

action Specifies an address (url) where to submit the form (default: the submitting page).

autocomplete Specifies if the browser should autocomplete the form (default: on).

enctype Specifies the encoding of the submitted data (default: is url-encoded).

method Specifies the HTTP method used when submitting the form (default: GET).

name Specifies a name used to identify the form (for DOM usage: document.forms.name).

novalidate Specifies that the browser should not validate the form.

target Specifies the target of the address in the action attribute (default: \_self).

**HTML5**

**New Semantic/Structural Elements**

<article> Defines an article in a document

<aside> Defines content aside from the page content

<bdi> Isolates a part of text that might be formatted in a different direction from other text outside it

<details> Defines additional details that the user can view or hide

<dialog> Defines a dialog box or window

<figcaption> Defines a caption for a <figure> element

<figure> Defines self-contained content

<footer> Defines a footer for a document or section

<header> Defines a header for a document or section

<main> Defines the main content of a document

<mark> Defines marked/highlighted text

<menuitem> Defines a command/menu item that the user can invoke from a popup menu

<meter> Defines a scalar measurement within a known range (a gauge)

<nav> Defines navigation links

<progress> Represents the progress of a task

<rp> Defines what to show in browsers that do not support ruby annotations

<rt> Defines an explanation/pronunciation of characters (for East Asian typography)

<ruby> Defines a ruby annotation (for East Asian typography)

<section> Defines a section in a document

<summary> Defines a visible heading for a <details> element

<time> Defines a date/time

<wbr> Defines a possible line-break

**NEW FORM ELEMENTS**

<datalist> Specifies a list of pre-defined options for input controls

<output> Defines the result of a calculation

**NEW INPUT TYPES**

color

date

datetime

datetime-local

email

month

number

range

search

tel

time

url

week

**NEW INPUT ATTRIBUTES**

autocomplete

autofocus

form

formaction

formenctype

formmethod

formnovalidate

formtarget

height and width

list

min and max

multiple

pattern (regexp)

placeholder

required

step

**NEW ATTRIBUTE SYNTAX**

Empty <input type="text" value="John" disabled>

Unquoted <input type="text" value=John>

Double-quoted <input type="text" value="John Doe">

Single-quoted <input type="text" value='John Doe'>

**GRAPHICS**

<canvas> Draw graphics, on the fly, via scripting (usually JavaScript)

<svg> Draw scalable vector graphics

**MEDIA**

<audio> Defines sound content

<embed> Defines a container for an external (non-HTML) application

<source> Defines multiple media resources for media elements (<video> and <audio>)

<track> Defines text tracks for media elements (<video> and <audio>)

<video> Defines video or movie

**SEMANTICS**

<article> Defines an article

<aside> Defines content aside from the page content

<details> Defines additional details that the user can view or hide

<figcaption> Defines a caption for a <figure> element

<figure> Specifies self-contained content, like illustrations, diagrams, photos, code listings, etc.

<footer> Defines a footer for a document or section

<header> Specifies a header for a document or section

<main> Specifies the main content of a document

<mark> Defines marked/highlighted text

<nav> Defines navigation links

<section> Defines a section in a document

<summary> Defines a visible heading for a <details> element

<time> Defines a date/time