HTML Tutorial

.....................

**HTML - Home:-**

The full form of html is hypertext markup language .Html is the language which is used by maximum people to design the website .It was designed by Berners Lee in 1991 till now many versions

of html have been designed the most recent and most commonly used version is the html5 version which replaced the previous html 4.01 version. Learning html make its easy to desgin a website

also optimize the website and most important it becomes easy to understand new language like css, JavaScript ,etc.

**HTML - Overview:-**

The name Hypertext Mark up Language is give because the Hypertext means the way in which the web pages are linked to each other and Mark up language means we design how to display a word with

the help of the tags and the computer understand those mark up and displays it. Html can be used to define how to view a heading ,paragraph ,insert any required images , colour , etc .In html we

always write between the two brackets<h1> here h1 is heading 1.Like these we can use 6 heading and as we go down the heading level decreases.

**HTML - Basic Tags:-**

Tags are used to apply the desired colour ,font to a particular heading paragraph,etc.There are many tage and some of the basic tags and their uses are as follows

<h1> it is used for heading and we use

<p> this tag is used for paragraph

</br> this tag is used to break line .

<centre> with the help of this tag the word appear in the centre of the page

While starting designing the basic format of the html page is defined like at start we must write <!DOCTYPE html> and the heading and the body must be written inside the start and end html

<!DOCTYPE html>

<html>

<head>

<body>

<body>

<html>

</html>

In html we can use list as well as we can use various link and link it to the page like we use <a href=" "> ...</a>.Between the two ".." the link is given and we can also use th various

buttons like radio button, etc.

**HTML - Elements:-**

The html elements are those in which we have a starting as well as the ending tag both these tag together are called as the html elements .If only one of the tag is there then it is callrd

as the void element .

The example of the html element is <tag name>..tag content..</tag name>,<p>...</p>.

The example of the void elements is </br>,<img../>

The html aslo supports the nested element method means in these we can write a tag inside another tag and use it for designing of the website.

**HTML - Attributes:-**

The html attributes are such as which give some additional info about the design of the element. The attribute is always written in the starting tag and the it has the name and value.

For example we want align something in the centre than we can use the centre tag or we can also use the attributes like

<!DOCTYPE html>

<html>

<head>

<title>Align Attribute Example</title>

</head>

<body>

<p align = "center">This is center </p>

</body>

</html>

output :-

This is center

In the above example the align is the name which is written in the starting tag and the value given for it is the centre .Similarly we can align the sentence in the left as well as in

the right side.The some of the example are given below.

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Options** | **Function** |
| align | right, left, center | Horizontally aligns tags |
| valign | top, middle, bottom | Vertically aligns tags within an HTML element. |
| bgcolor | numeric, hexadecimal, RGB values | Places a background color behind an element |
| background | URL | Places a background image behind an element |
| id | User Defined | Names an element for use with Cascading Style Sheets. |
| class | User Defined | Classifies an element for use with Cascading Style Sheets. |
| width | Numeric Value | Specifies the width of tables, images, or table cells. |
| height | Numeric Value | Specifies the height of tables, images, or table cells. |
| title | User Defined | "Pop-up" title of the elements. |

**HTML - Formatting:-**

In html the formatting is used to give different styles to the text and write it in the desired way we want to write the various style given are as follows

<b> - Bold text

<strong> - Important text

<i> - Italic text

<em> - Emphasized text

<mark> - Marked text

<small> - Small text

<del> - Deleted text

<ins> - Inserted text

<sub> - Subscript text

<sup> - Superscript

<strong>-tells that the text is strong

eg:-<!DOCTYPE html>

<html>

<body>

<p>This text is normal.</p>

<p><em>This text is emphasized.</em></p>

</body>

</html>

output:-

This text is normal.

This text is emphasized.

HTML - Phrase Tags:-

These tags are also some of the basic tags which can be helped to empahsize text,mark the text and also for making it appear bi-directionally .The basic example of some of the Phrase tage

are as follows

input:-

<!DOCTYPE html>

<html>

<head>

<title>Text Direction Example</title>

</head>

<body>

<p>This text will go left to right.</p>

<p><bdo dir = "rtl">This text will go right to left.</bdo></p>

</body>

</html>

output:-

This text will go left to right.

This text will go right to left.

Other example of the tags are

Address tag:-The <address>...</address> element is used to contain any address.

Samp tag:-The <samp>...</samp> element indicates sample output from a program, and script etc. Again, it is mainly used when documenting programming or coding concepts.

code:- Defines programming code

kbd :- Defines keyboard input

samp:- Defines computer output

var:- Defines a variable

pre:- Defines preformatted text

**HTML - Meta Tags:-**

Meta tags are those tags which cannot be used for formating but can be use to give some of the additional information about the page .It can also be use to search for a specific page

or the specific information.The example of the Mea tags are asa follows

Input:-

Document Revision Date :-You can use <meta> tag to give information about when last time the document was updated. This information can be used by various web browsers while

refreshing your webpage.

Example:-

<!DOCTYPE html>

<html>

<head>

<title>Meta Tags Example</title>

<meta name = "keywords" content = "HTML, Meta Tags, Metadata" />

<meta name = "description" content = "Learning about Meta Tags." />

<meta name = "revised" content = "HTML, 15/5/2020" />

</head>

<body>

<p>Hello HTML5!</p>

</body>

</html>

Other types are :-

Document Refreshing :-A <meta> tag can be used to specify a duration after which your web page will keep refreshing automatically.

Page Redirection :-You can use <meta> tag to redirect your page to any other webpage. You can also specify a duration if you want to redirect the page after a certain number of seconds.

Specify Character Set :-You can use <meta> tag to specify character set used within the webpage.

**HTML - Comments:-**

Comments tags can also be used un the html these are those tags which are not displayed by the browser in other words they are ignored they can be used to give the additional information

about that block of the html code.The html comments can be of many types

1)Multiline comments

2)Conditional Comments

3)Commenting Style Sheets

4)Commenting Script Code

The comment can be given in two ways by using tag <comment>......</comment> or by <!-->......<-->

**HTML - Images**

In html we can insert images to beautify or or can also images from the online we can also insert the border as well as many effects to make the image better to the viewer.

Example:-

<img src="/images/html5.gif" alt="HTML5 Icon" style="width:128px;height:128px;">

Different types of images tags are

Use the HTML <img> element to define an image

Use the HTML src attribute to define the URL of the image

Use the HTML alt attribute to define an alternate text for an image, if it cannot be displayed

Use the HTML width and height attributes to define the size of the image

Use the CSS width and height properties to define the size of the image (alternatively)

Use the CSS float property to let the image float

**HTML - Tables:-**

In html the tables can also be used to draw the number of rows and no of columns and we can insert the data in tabular form and display it .Also with this the data entered in the table

padding can also be given due which we can fill the data in the centre of a specific cell.The diffrent types of tags used for making the table are as follows

Use the HTML <table> element to define a table

Use the HTML <tr> element to define a table row

Use the HTML <td> element to define a table data

Use the HTML <th> element to define a table heading

Use the HTML <caption> element to define a table caption

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

Example:-

<!DOCTYPE html>

<html>

<head>

<title>HTML Tables</title>

</head>

<body>

<table border = "1">

<tr>

<td>Row 1, Column 1</td>

<td>Row 1, Column 2</td>

</tr>

<tr>

<td>Row 2, Column 1</td>

<td>Row 2, Column 2</td>

</tr>

</table>

</body>

</html>

**HTML - Lists:-**

In html there are different types of list cand be used .The different types of list used are

1)Ordered list:-If you are required to put your items in a numbered list instead of bulleted, then HTML ordered list will be used. This list is created by using <ol> tag. The numbering

starts at one and is incremented by one for each successive ordered list element tagged with <li>.

An ordered HTML list

1.Coffee

2.Tea

3.Milk

2)Unordered list:-An unordered list is a collection of related items that have no special order or sequence. This list is created by using HTML <ul> tag. Each item in the list

is marked with a bullet.

milk

bread

butter

coffee beans

3)Definition list:-HTML and XHTML supports a list style which is called definition lists where entries are listed like in a dictionary or encyclopedia. The definition list is the ideal way to present a glossary, list of terms, or other name/value list.

Definition List makes use of following three tags.

<dl> − Defines the start of the list

<dt> − A term

<dd> − Term definition

</dl> − Defines the end of the list

Example:-

<!DOCTYPE html>

<html>

<head>

<title>HTML Definition List</title>

</head>

<body>

<dl>

<dt><b>HTML</b></dt>

<dd>This stands for Hyper Text Markup Language</dd>

<dt><b>HTTP</b></dt>

<dd>This stands for Hyper Text Transfer Protocol</dd>

</dl>

</body>

</html>

output:-

HTML

This stands for Hyper Text Markup Language

HTTP

This stands for Hyper Text Transfer Protocol

**HTML - Text Links:-**

Html text links can be used to link the online document to the html page .The various tags like anchor tag can be used .

example:-

<a href = "Document URL" ... attributes-list>Link Text</a>

**HTML - Image Links:-**

Html image links can be used to link the net image to the any of the html page.The <img> tag can be used to link the image to any of the html page .The example is as follows

<!DOCTYPE html>

<html>

<head>

<title>USEMAP Hyperlink Example</title>

</head>

<body>

<p>Search and click the hotspot</p>

<img src = /images/html.gif alt = "HTML Map" border = "0" usemap = "#html"/>

<!-- Create Mappings -->

<map name = "html">

<area shape = "circle" coords = "80,80,20"

href = "/css/index.htm" alt = "CSS Link" target = "\_self" />

<area shape = "rect" coords = "5,5,40,40" alt = "jQuery Link"

href = "/jquery/index.htm" target = "\_self" />

</map>

</body>

</html>

**HTML - Email Links:-**

HTML <a> tag provides you option to specify an email address to send an email. While using <a> tag as an email tag, you will use mail email address along with href attribute.

Following is the syntax of using mail instead of using http.

Example:-

<a href = "mailto:abc@example.com?subject = Feedback&body = Message">

Send Feedback

</a>

**HTML - Frames:-**

HTML frames are used to divide your browser window into multiple sections where each section can load a separate HTML document. A collection of frames in the browser window is known as

a frameset. The window is divided into frames in a similar way the tables are organized: into rows and columns.

The <frame> Tag Attributes

Following are the important attributes of <frame> tag −

Sr.No Attribute & Description

1 src

This attribute is used to give the file name that should be loaded in the frame. Its value can be any URL. For example, src = "/html/top\_frame.htm" will load an HTML file

available in html directory.

2 name

This attribute allows you to give a name to a frame. It is used to indicate which frame a document should be loaded into. This is especially important when you want to create

links in one frame that load pages into an another frame, in which case the second frame needs a name to identify itself as the target of the link.

3 frameborder

This attribute specifies whether or not the borders of that frame are shown; it overrides the value given in the frameborder attribute on the <frameset> tag if one is given, and

this can take values either 1 (yes) or 0 (no).

4 marginwidth

This attribute allows you to specify the width of the space between the left and right of the frame's borders and the frame's content. The value is given in pixels. For example

marginwidth = "10".

5 marginheight

This attribute allows you to specify the height of the space between the top and bottom of the frame's borders and its contents. The value is given in pixels. For example

marginheight = "10".

6 noresize

By default, you can resize any frame by clicking and dragging on the borders of a frame. The noresize attribute prevents a user from being able to resize the frame. For example

noresize = "noresize".

7 scrolling

This attribute controls the appearance of the scrollbars that appear on the frame. This takes values either "yes", "no" or "auto". For example scrolling = "no" means it should not

have scroll bars.

8 longdesc

This attribute allows you to provide a link to another page containing a long description of the contents of the frame. For example longdesc = "framedescription.htm"

**HTML - Iframes:-**

This tag can be used to define an inline frame.The following tags can be used to Iframes.

Sr.No Attribute & Description

1 src

This attribute is used to give the file name that should be loaded in the frame. Its value can be any URL. For example, src = "/html/top\_frame.htm" will load an HTML file

available in html directory.

2 name

This attribute allows you to give a name to a frame. It is used to indicate which frame a document should be loaded into. This is especially important when you want to create

links in one frame that load pages into an another frame, in which case the second frame needs a name to identify itself as the target of the link.

3 frameborder

This attribute specifies whether or not the borders of that frame are shown; it overrides the value given in the frameborder attribute on the <frameset> tag if one is given, and

this can take values either 1 (yes) or 0 (no).

4 marginwidth

This attribute allows you to specify the width of the space between the left and right of the frame's borders and the frame's content. The value is given in pixels. For example

marginwidth = "10".

5 marginheight

This attribute allows you to specify the height of the space between the top and bottom of the frame's borders and its contents. The value is given in pixels. For example

marginheight = "10".

6 height

This attribute specifies the height of <iframe>.

7 scrolling

This attribute controls the appearance of the scrollbars that appear on the frame. This takes values either "yes", "no" or "auto". For example scrolling = "no" means it should not

have scroll bars.

8 longdesc

This attribute allows you to provide a link to another page containing a long description of the contents of the frame. For example longdesc = "framedescription.htm"

9 width

This attribute specifies the width of <iframe>.

**HTML - Blocks:-**

All the HTML elements can be categorized into two categories (a) Block Level Elements (b)Inline Elements.

1)Block level elements are:-All these elements start on the newline and anything that follows it is there in new line.

<address>,<article>,<aside>,<blockquote>,<canvas>,<dd>,<div>,<dl>,<dt>,<fieldset>,<figcaption>,<figure>,<footer>,<form>,<h1>-<h6>,<header>,<hr>,<li>,<main>,<nav>,<noscript>,<ol>,<p>,<pre>

<section>,<table>,<tfoot>,<ul>,<video>

2)Inline level elements are:-Inline level elemnts can appear within the sentence and do not require a new line.

<a>,<abbr>,<acronym>,<b>,<bdo>,<big>,<br>,<button>,<cite>,<code>,<dfn>,<i>,<img>,<input>,<kbd>,<label>,<map>,<object>,<output>,<q>,<samp>,<script>,<select>,<small>,<span>,<strong>,<sub>

<sup>,<textarea>,<time>,<tt>,<var>.

The <div>and <span> are most important tags in the above elements

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

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

**HTML - Backgrounds:-**

With the help of Html we can even design the background by giving any specific colour or putting and image and making it even more beautiful.We can also use various images or else various

colour for he same page and beautify it.The example are as follows

<tagname bgcolor = "color\_value"...>:-This tag can be used to insert a background colour

The format to install colour are as follows

<!-- Format 1 - Use color name -->

<table bgcolor = "lime" >

<!-- Format 2 - Use hex value -->

<table bgcolor = "#f1f1f1" >

<!-- Format 3 - Use color value in RGB terms -->

<table bgcolor = "rgb(0,0,120)" >

<tagname background = "Image URL"...>:-This tag can be used to insert an image for the background.

The example is as follows

<style>

div {

background-image: url('img\_girl.jpg');

}

</style>

**HTML - Colors:-**

The colours are very important in html to make it look attractive .There are three methods in which we can insert colours to our those are as follows

Colour names − You can specify color names directly like green, blue or red.

example:-<h1 style="color:Tomato;">Hello World</h1>

Hex codes − A six-digit code representing the amount of red, green, and blue that makes up the color.

example:-<h1 style="background-color:#ff6347;">...</h1>

Color decimal or percentage values − This value is specified using the rgb( ) property.

example:-<h1 style="background-color:rgb(255, 99, 71);">...</h1>

**HTML - Fonts**

Fonts plays an important role while displaying a page so in html we have keep diffrent font size depending upon the requirment .The example of font size is as follows

<!DOCTYPE html>

<html>

<head>

<title>Setting Font Size</title>

</head>

<body>

<font size = "1">Font size = "1"</font><br />

<font size = "2">Font size = "2"</font><br />

<font size = "3">Font size = "3"</font><br />

<font size = "4">Font size = "4"</font><br />

<font size = "5">Font size = "5"</font><br />

<font size = "6">Font size = "6"</font><br />

<font size = "7">Font size = "7"</font>

</body>

</html>

Output:-

Font size = "1"  
Font size = "2"  
Font size = "3"  
Font size = "4"  
Font size = "5"  
Font size = "6"  
Font size = "7"

**HTML – Forms:-**

The html forms can be used to collect the information required like phone number,name,email address, etc. There are various input method to enter the data like.

**Text Input Controls**

There are three types of text input used on forms −

* **Single-line text input controls** − This control is used for items that require only one line of user input, such as search boxes or names. They are created using HTML **<input>** tag.
* **Password input controls** − This is also a single-line text input but it masks the character as soon as a user enters it. They are also created using HTMl <input> tag.
* **Multi-line text input controls** − This is used when the user is required to give details that may be longer than a single sentence. Multi-line input controls are created using HTML **<textarea>** tag.

Various buttons can also be used while developing a page as follows

* Text Input Controls
* Checkboxes Controls
* Radio Box Controls
* Select Box Controls
* File Select boxes
* Hidden Controls
* Clickable Buttons
* Submit and Reset Button

Here is an example HTML code for a form with two checkboxes −

<!DOCTYPE html>

<html>

<head>

<title>Checkbox Control</title>

</head>

<body>

<form>

<input type = "checkbox" name = "maths" value = "on"> Maths

<input type = "checkbox" name = "physics" value = "on"> Physics

</form>

</body>

</html>

This will produce the following result −

Maths Physics

**HTML - Embed Multimedia:-**

This tag can be used to add a audio or video to a page to make it look more better .The following types of movies can be used

* **.swf files** − are the file types created by Macromedia's Flash program.
* **.wmv files** − are Microsoft's Window's Media Video file types.
* **.mov files** − are Apple's Quick Time Movie format.
* **.mpeg files** − are movie files created by the Moving Pictures Expert Group.

The following types of event can be controlled for a video

|  |  |
| --- | --- |
| **Sr.No** | **Attribute & Description** |
| 1 | **align**  Determines how to align the object. It can be set to either center, *left or right*. |
| 2 | **autostart**  This boolean attribute indicates if the media should start automatically. You can set it either true or false. |
| 3 | **loop**  Specifies if the sound should be played continuously (set loop to true), a certain number of times (a positive value) or not at all (false) |
| 4 | **playcount**  Specifies the number of times to play the sound. This is alternate option for *loop* if you are usiong IE. |
| 5 | **hidden**  Specifies if the multimedia object should be shown on the page. A false value means no and true values means yes. |
| 6 | **width**  Width of the object in pixels |
| 7 | **height**  Height of the object in pixels |
| 8 | **name**  A name used to reference the object. |
| 9 | **src**  URL of the object to be embedded. |
| 10 | **volume**  Controls volume of the sound. Can be from 0 (off) to 100 (full volume). |

**HTML – Marquees**:- An HTML marquee is a scrolling piece of text displayed either horizontally across or vertically down your webpage depending on the settings. This is created by using HTML <marquees> tag.

Following is the list of important attributes which can be used with <marquee> tag.

|  |  |
| --- | --- |
| **Sr.No** | **Attribute & Description** |
| 1 | **width**  This specifies the width of the marquee. This can be a value like 10 or 20% etc. |
| 2 | **height**  This specifies the height of the marquee. This can be a value like 10 or 20% etc. |
| 3 | **direction**  This specifies the direction in which marquee should scroll. This can be a value like *up, down, left* or *right*. |
| 4 | **behavior**  This specifies the type of scrolling of the marquee. This can have a value like *scroll, slide* and *alternate*. |
| 5 | **scrolldelay**  This specifies how long to delay between each jump. This will have a value like 10 etc. |
| 6 | **scrollamount**  This specifies the speed of marquee text. This can have a value like 10 etc. |
| 7 | **loop**  This specifies how many times to loop. The default value is INFINITE, which means that the marquee loops endlessly. |
| 8 | **bgcolor**  This specifies background color in terms of color name or color hex value. |
| 9 | **hspace**  This specifies horizontal space around the marquee. This can be a value like 10 or 20% etc. |
| 10 | **vspace**  This specifies vertical space around the marquee. This can be a value like 10 or 20% etc. |

The example of marquee tag is as follows

<!DOCTYPE html>

<html>

<head>

<title>HTML marquee Tag</title>

</head>

<body>

<marquee>This is basic example of marquee</marquee>

</body>

</html>

Solution: -In the above example the text will appear moving from right to left continuously .

**HTML – Header: -**

In this we will be able to know more about the <head> tag. Which all tags are written inside the head tag what are various uses of that tag. <title>, <meta>, <link>, <base>, <style>, <script>, and <noscript> tags can be used .

The HTML <title> tag is used for specifying the title of the HTML document.

The HTML <meta> tag is used to provide metadata about the HTML document which includes information about page expiry, page author, list of keywords, page description etc.

The HTML <base> tag is used for specifying the base URL for all relative URLs in a page, which means all the other URLs will be concatenated into base URL while locating for the given item.

The HTML <link> tag is used to specify relationships between the current document and external resource.

The HTML <style> tag is used to specify style sheet for the current HTML document.

The HTML <script> tag is used to include either external script file or to define internal script for the HTML document.

HTML - Style Sheet:-

In html style sheet always plays an important role .Its that part of code which decides the design ,colours of the page there are three methods in which the style can be given to the html which are as follows.

* **External Style Sheet** − Define style sheet rules in a separate .css file and then include that file in your HTML document using HTML <link> tag.In this there is a different style file which is later linked to the html and the design from the external file is given.
* **Internal Style Sheet** − Define style sheet rules in header section of the HTML document using <style> tag.

**Example**:-

<!DOCTYPE html>

<html>

<head>

<title>HTML Internal CSS</title>

<style type = "text/css">

.red {

color: red;

}

.thick{

font-size:20px;

}

.green {

color:green;

}

</style>

</head>

<body>

<p class = "red">This is red</p>

<p class = "thick">This is thick</p>

<p class = "green">This is green</p>

<p class = "thick green">This is thick and green</p>

</body>

</html>

Output:-

This is red

This is thick

This is green

This is thick and green

* **Inline Style Sheet** − Define style sheet rules directly along-with the HTML elements using **style** attribute.

<!DOCTYPE html>

<html>

<head>

<title>HTML Inline CSS</title>

</head>

<body>

<p style = "color:red;">This is red</p>

<p style = "font-size:20px;">This is thick</p>

<p style = "color:green;">This is green</p>

<p style = "color:green;font-size:20px;">This is thick and green</p>

</body>

</html>

Output:-

This is red

This is thick

This is green

This is thick and green

**HTML – Javascript:-**

Javascript are used to make the page more interactive in this we can make use of some pop function or make something to display once some action is completed .The example of java script is as follows

<!DOCTYPE html>

<html>

<head>

<title>JavaScript Internal Script</title>

<base href = "https://www.tutorialspoint.com/" />

<script type = "text/JavaScript">

function Hello() {

alert("Hello, World");

}

</script>

</head>

<body>

<input type = "button" onclick = "Hello();" name = "ok" value = "Click Me" />

</body>

</html>

The output of the above example will be a small click me dialog box on which after clicking will display a small Hello world message .

**HTML – Layouts:-**

In layouts we can break a single page into multiple rows and columns so that we can display the information according to the user .The example of layouts is as follows

<!DOCTYPE html>

<html>

<head>

<title>Three Column HTML Layout</title>

</head>

<body>

<table width = "100%" border = "0">

<tr valign = "top">

<td bgcolor = "#aaa" width = "20%">

<b>Main Menu</b><br />

HTML<br />

PHP<br />

PERL...

</td>

<td bgcolor = "#b5dcb3" height = "200" width = "60%">

Technical and Managerial Tutorials

</td>

<td bgcolor = "#aaa" width = "20%">

<b>Right Menu</b><br />

HTML<br />

PHP<br />

PERL...

</td>

</tr>

<table>

</body>

</html>

Output:-

|  |  |  |
| --- | --- | --- |
| **Main Menu** HTML PHP PERL... | Technical and Managerial Tutorials | **Right Menu** HTML PHP PERL... |

|  |  |
| --- | --- |
| HTML5 Semantic Elements | * <header> - Defines a header for a document or a section * <nav> - Defines a container for navigation links * <section> - Defines a section in a document * <article> - Defines an independent self-contained article * <aside> - Defines content aside from the content (like a sidebar) * <footer> - Defines a footer for a document or a section * <details> - Defines additional details * <summary> - Defines a heading for the <details> element |

**HTML References**

**HTML - Tags Reference:-**

|  |  |
| --- | --- |
| **Tag** | **Description** |
| [<!--...-->](https://www.w3schools.com/tags/tag_comment.asp) | Defines a comment |
| [<!DOCTYPE>](https://www.w3schools.com/tags/tag_doctype.asp) | Defines the document type |
| [<a>](https://www.w3schools.com/tags/tag_a.asp) | Defines a hyperlink |
| [<abbr>](https://www.w3schools.com/tags/tag_abbr.asp) | Defines an abbreviation or an acronym |
| [<acronym>](https://www.w3schools.com/tags/tag_acronym.asp) | Not supported in HTML5. Use [<abbr>](https://www.w3schools.com/tags/tag_abbr.asp) instead. Defines an acronym |
| [<address>](https://www.w3schools.com/tags/tag_address.asp) | Defines contact information for the author/owner of a document |
| [<applet>](https://www.w3schools.com/tags/tag_applet.asp) | Not supported in HTML5. Use [<embed>](https://www.w3schools.com/tags/tag_embed.asp) or [<object>](https://www.w3schools.com/tags/tag_object.asp) instead. Defines an embedded applet |
| [<area>](https://www.w3schools.com/tags/tag_area.asp) | Defines an area inside an image-map |
| [<article>](https://www.w3schools.com/tags/tag_article.asp) | Defines an article |
| [<aside>](https://www.w3schools.com/tags/tag_aside.asp) | Defines content aside from the page content |
| [<audio>](https://www.w3schools.com/tags/tag_audio.asp) | Defines sound content |
| [<b>](https://www.w3schools.com/tags/tag_b.asp) | Defines bold text |
| [<base>](https://www.w3schools.com/tags/tag_base.asp) | Specifies the base URL/target for all relative URLs in a document |
| [<basefont>](https://www.w3schools.com/tags/tag_basefont.asp) | Not supported in HTML5. Use CSS instead. Specifies a default color, size, and font for all text in a document |
| [<bdi>](https://www.w3schools.com/tags/tag_bdi.asp) | Isolates a part of text that might be formatted in a different direction from other text outside it |
| [<bdo>](https://www.w3schools.com/tags/tag_bdo.asp) | Overrides the current text direction |
| [<big>](https://www.w3schools.com/tags/tag_big.asp) | Not supported in HTML5. Use CSS instead. Defines big text |
| [<blockquote>](https://www.w3schools.com/tags/tag_blockquote.asp) | Defines a section that is quoted from another source |
| [<body>](https://www.w3schools.com/tags/tag_body.asp) | Defines the document's body |
| [<br>](https://www.w3schools.com/tags/tag_br.asp) | Defines a single line break |
| [<button>](https://www.w3schools.com/tags/tag_button.asp) | Defines a clickable button |
| [<canvas>](https://www.w3schools.com/tags/tag_canvas.asp) | Used to draw graphics, on the fly, via scripting (usually JavaScript) |
| [<caption>](https://www.w3schools.com/tags/tag_caption.asp) | Defines a table caption |
| [<center>](https://www.w3schools.com/tags/tag_center.asp) | Not supported in HTML5. Use CSS instead. Defines centered text |
| [<cite>](https://www.w3schools.com/tags/tag_cite.asp) | Defines the title of a work |
| [<code>](https://www.w3schools.com/tags/tag_code.asp) | Defines a piece of computer code |
| [<col>](https://www.w3schools.com/tags/tag_col.asp) | Specifies column properties for each column within a <colgroup> element |
| [<colgroup>](https://www.w3schools.com/tags/tag_colgroup.asp) | Specifies a group of one or more columns in a table for formatting |
| [<data>](https://www.w3schools.com/tags/tag_data.asp) | Adds a machine-readable translation of a given content |
| [<datalist>](https://www.w3schools.com/tags/tag_datalist.asp) | Specifies a list of pre-defined options for input controls |
| [<dd>](https://www.w3schools.com/tags/tag_dd.asp) | Defines a description/value of a term in a description list |
| [<del>](https://www.w3schools.com/tags/tag_del.asp) | Defines text that has been deleted from a document |
| [<details>](https://www.w3schools.com/tags/tag_details.asp) | Defines additional details that the user can view or hide |
| [<dfn>](https://www.w3schools.com/tags/tag_dfn.asp) | Specifies a term that is going to be defined within the content |
| [<dialog>](https://www.w3schools.com/tags/tag_dialog.asp) | Defines a dialog box or window |
| [<dir>](https://www.w3schools.com/tags/tag_dir.asp) | Not supported in HTML5. Use [<ul>](https://www.w3schools.com/tags/tag_ul.asp) instead. Defines a directory list |
| [<div>](https://www.w3schools.com/tags/tag_div.asp) | Defines a section in a document |
| [<dl>](https://www.w3schools.com/tags/tag_dl.asp) | Defines a description list |
| [<dt>](https://www.w3schools.com/tags/tag_dt.asp) | Defines a term/name in a description list |
| [<em>](https://www.w3schools.com/tags/tag_em.asp) | Defines emphasized text |
| [<embed>](https://www.w3schools.com/tags/tag_embed.asp) | Defines a container for an external (non-HTML) application |
| [<fieldset>](https://www.w3schools.com/tags/tag_fieldset.asp) | Groups related elements in a form |
| [<figcaption>](https://www.w3schools.com/tags/tag_figcaption.asp) | Defines a caption for a <figure> element |
| [<figure>](https://www.w3schools.com/tags/tag_figure.asp) | Specifies self-contained content |
| [<font>](https://www.w3schools.com/tags/tag_font.asp) | Not supported in HTML5. Use CSS instead. Defines font, color, and size for text |
| [<footer>](https://www.w3schools.com/tags/tag_footer.asp) | Defines a footer for a document or section |
| [<form>](https://www.w3schools.com/tags/tag_form.asp) | Defines an HTML form for user input |
| [<frame>](https://www.w3schools.com/tags/tag_frame.asp) | Not supported in HTML5. Defines a window (a frame) in a frameset |
| [<frameset>](https://www.w3schools.com/tags/tag_frameset.asp) | Not supported in HTML5. Defines a set of frames |
| [<h1> to <h6>](https://www.w3schools.com/tags/tag_hn.asp) | Defines HTML headings |
| [<head>](https://www.w3schools.com/tags/tag_head.asp) | Contains metadata/information for the document |
| [<header>](https://www.w3schools.com/tags/tag_header.asp) | Defines a header for a document or section |
| [<hr>](https://www.w3schools.com/tags/tag_hr.asp) | Defines a thematic change in the content |
| [<html>](https://www.w3schools.com/tags/tag_html.asp) | Defines the root of an HTML document |
| [<i>](https://www.w3schools.com/tags/tag_i.asp) | Defines a part of text in an alternate voice or mood |
| [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp) | Defines an inline frame |
| [<img>](https://www.w3schools.com/tags/tag_img.asp) | Defines an image |
| [<input>](https://www.w3schools.com/tags/tag_input.asp) | Defines an input control |
| [<ins>](https://www.w3schools.com/tags/tag_ins.asp) | Defines a text that has been inserted into a document |
| [<kbd>](https://www.w3schools.com/tags/tag_kbd.asp) | Defines keyboard input |
| [<label>](https://www.w3schools.com/tags/tag_label.asp) | Defines a label for an <input> element |
| [<legend>](https://www.w3schools.com/tags/tag_legend.asp) | Defines a caption for a <fieldset> element |
| [<li>](https://www.w3schools.com/tags/tag_li.asp) | Defines a list item |
| [<link>](https://www.w3schools.com/tags/tag_link.asp) | Defines the relationship between a document and an external resource (most used to link to style sheets) |
| [<main>](https://www.w3schools.com/tags/tag_main.asp) | Specifies the main content of a document |
| [<map>](https://www.w3schools.com/tags/tag_map.asp) | Defines a client-side image-map |
| [<mark>](https://www.w3schools.com/tags/tag_mark.asp) | Defines marked/highlighted text |
| [<meta>](https://www.w3schools.com/tags/tag_meta.asp) | Defines metadata about an HTML document |
| [<meter>](https://www.w3schools.com/tags/tag_meter.asp) | Defines a scalar measurement within a known range (a gauge) |
| [<nav>](https://www.w3schools.com/tags/tag_nav.asp) | Defines navigation links |
| [<noframes>](https://www.w3schools.com/tags/tag_noframes.asp) | Not supported in HTML5. Defines an alternate content for users that do not support frames |
| [<noscript>](https://www.w3schools.com/tags/tag_noscript.asp) | Defines an alternate content for users that do not support client-side scripts |
| [<object>](https://www.w3schools.com/tags/tag_object.asp) | Defines an embedded object |
| [<ol>](https://www.w3schools.com/tags/tag_ol.asp) | Defines an ordered list |
| [<optgroup>](https://www.w3schools.com/tags/tag_optgroup.asp) | Defines a group of related options in a drop-down list |
| [<option>](https://www.w3schools.com/tags/tag_option.asp) | Defines an option in a drop-down list |
| [<output>](https://www.w3schools.com/tags/tag_output.asp) | Defines the result of a calculation |
| [<p>](https://www.w3schools.com/tags/tag_p.asp) | Defines a paragraph |
| [<param>](https://www.w3schools.com/tags/tag_param.asp) | Defines a parameter for an object |
| [<picture>](https://www.w3schools.com/tags/tag_picture.asp) | Defines a container for multiple image resources |
| [<pre>](https://www.w3schools.com/tags/tag_pre.asp) | Defines preformatted text |
| [<progress>](https://www.w3schools.com/tags/tag_progress.asp) | Represents the progress of a task |
| [<q>](https://www.w3schools.com/tags/tag_q.asp) | Defines a short quotation |
| [<rp>](https://www.w3schools.com/tags/tag_rp.asp) | Defines what to show in browsers that do not support ruby annotations |
| [<rt>](https://www.w3schools.com/tags/tag_rt.asp) | Defines an explanation/pronunciation of characters (for East Asian typography) |
| [<ruby>](https://www.w3schools.com/tags/tag_ruby.asp) | Defines a ruby annotation (for East Asian typography) |
| [<s>](https://www.w3schools.com/tags/tag_s.asp) | Defines text that is no longer correct |
| [<samp>](https://www.w3schools.com/tags/tag_samp.asp) | Defines sample output from a computer program |
| [<script>](https://www.w3schools.com/tags/tag_script.asp) | Defines a client-side script |
| [<section>](https://www.w3schools.com/tags/tag_section.asp) | Defines a section in a document |
| [<select>](https://www.w3schools.com/tags/tag_select.asp) | Defines a drop-down list |
| [<small>](https://www.w3schools.com/tags/tag_small.asp) | Defines smaller text |
| [<source>](https://www.w3schools.com/tags/tag_source.asp) | Defines multiple media resources for media elements (<video> and <audio>) |
| [<span>](https://www.w3schools.com/tags/tag_span.asp) | Defines a section in a document |
| [<strike>](https://www.w3schools.com/tags/tag_strike.asp) | Not supported in HTML5. Use [<del>](https://www.w3schools.com/tags/tag_del.asp) or [<s>](https://www.w3schools.com/tags/tag_s.asp) instead. Defines strikethrough text |
| [<strong>](https://www.w3schools.com/tags/tag_strong.asp) | Defines important text |
| [<style>](https://www.w3schools.com/tags/tag_style.asp) | Defines style information for a document |
| [<sub>](https://www.w3schools.com/tags/tag_sub.asp) | Defines subscripted text |
| [<summary>](https://www.w3schools.com/tags/tag_summary.asp) | Defines a visible heading for a <details> element |
| [<sup>](https://www.w3schools.com/tags/tag_sup.asp) | Defines superscripted text |
| [<svg>](https://www.w3schools.com/tags/tag_svg.asp) | Defines a container for SVG graphics |
| [<table>](https://www.w3schools.com/tags/tag_table.asp) | Defines a table |
| [<tbody>](https://www.w3schools.com/tags/tag_tbody.asp) | Groups the body content in a table |
| [<td>](https://www.w3schools.com/tags/tag_td.asp) | Defines a cell in a table |
| [<template>](https://www.w3schools.com/tags/tag_template.asp) | Defines a template |
| [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Defines a multiline input control (text area) |
| [<tfoot>](https://www.w3schools.com/tags/tag_tfoot.asp) | Groups the footer content in a table |
| [<th>](https://www.w3schools.com/tags/tag_th.asp) | Defines a header cell in a table |
| [<thead>](https://www.w3schools.com/tags/tag_thead.asp) | Groups the header content in a table |
| [<time>](https://www.w3schools.com/tags/tag_time.asp) | Defines a date/time |
| [<title>](https://www.w3schools.com/tags/tag_title.asp) | Defines a title for the document |
| [<tr>](https://www.w3schools.com/tags/tag_tr.asp) | Defines a row in a table |
| [<track>](https://www.w3schools.com/tags/tag_track.asp) | Defines text tracks for media elements (<video> and <audio>) |
| [<tt>](https://www.w3schools.com/tags/tag_tt.asp) | Not supported in HTML5. Use CSS instead. Defines teletype text |
| [<u>](https://www.w3schools.com/tags/tag_u.asp) | Defines text that should be stylistically different from normal text |
| [<ul>](https://www.w3schools.com/tags/tag_ul.asp) | Defines an unordered list |
| [<var>](https://www.w3schools.com/tags/tag_var.asp) | Defines a variable |
| [<video>](https://www.w3schools.com/tags/tag_video.asp) | Defines a video or movie |
| [<wbr>](https://www.w3schools.com/tags/tag_wbr.asp) | Defines a possible line-break |

**HTML - Attributes Reference:-**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Belongs to** | **Description** |
| [accept](https://www.w3schools.com/tags/att_accept.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies the types of files that the server accepts (only for type="file") |
| [accept-charset](https://www.w3schools.com/tags/att_accept-charset.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies the character encodings that are to be used for the form submission |
| [accesskey](https://www.w3schools.com/tags/att_accesskey.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies a shortcut key to activate/focus an element |
| [action](https://www.w3schools.com/tags/att_action.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies where to send the form-data when a form is submitted |
| align | Not supported in HTML 5. | Specifies the alignment according to surrounding elements. Use CSS instead |
| [alt](https://www.w3schools.com/tags/att_alt.asp) | [<area>](https://www.w3schools.com/tags/tag_area.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies an alternate text when the original element fails to display |
| [async](https://www.w3schools.com/tags/att_async.asp) | [<script>](https://www.w3schools.com/tags/tag_script.asp) | Specifies that the script is executed asynchronously (only for external scripts) |
| [autocomplete](https://www.w3schools.com/tags/att_autocomplete.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies whether the <form> or the <input> element should have autocomplete enabled |
| [autofocus](https://www.w3schools.com/tags/att_autofocus.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies that the element should automatically get focus when the page loads |
| [autoplay](https://www.w3schools.com/tags/att_autoplay.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies that the audio/video will start playing as soon as it is ready |
| bgcolor | Not supported in HTML 5. | Specifies the background color of an element. Use CSS instead |
| border | Not supported in HTML 5. | Specifies the width of the border of an element. Use CSS instead |
| [charset](https://www.w3schools.com/tags/att_charset.asp) | [<meta>](https://www.w3schools.com/tags/tag_meta.asp), [<script>](https://www.w3schools.com/tags/tag_script.asp) | Specifies the character encoding |
| [checked](https://www.w3schools.com/tags/att_checked.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies that an <input> element should be pre-selected when the page loads (for type="checkbox" or type="radio") |
| [cite](https://www.w3schools.com/tags/att_cite.asp) | <blockquote>, [<del>](https://www.w3schools.com/tags/tag_del.asp), [<ins>](https://www.w3schools.com/tags/tag_ins.asp), <q> | Specifies a URL which explains the quote/deleted/inserted text |
| [class](https://www.w3schools.com/tags/att_class.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies one or more classnames for an element (refers to a class in a style sheet) |
| color | Not supported in HTML 5. | Specifies the text color of an element. Use CSS instead |
| [cols](https://www.w3schools.com/tags/att_cols.asp) | [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies the visible width of a text area |
| [colspan](https://www.w3schools.com/tags/att_colspan.asp) | [<td>](https://www.w3schools.com/tags/tag_td.asp), [<th>](https://www.w3schools.com/tags/tag_th.asp) | Specifies the number of columns a table cell should span |
| [content](https://www.w3schools.com/tags/att_content.asp) | [<meta>](https://www.w3schools.com/tags/tag_meta.asp) | Gives the value associated with the http-equiv or name attribute |
| [contenteditable](https://www.w3schools.com/tags/att_contenteditable.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies whether the content of an element is editable or not |
| [controls](https://www.w3schools.com/tags/att_controls.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies that audio/video controls should be displayed (such as a play/pause button etc) |
| [coords](https://www.w3schools.com/tags/att_coords.asp) | [<area>](https://www.w3schools.com/tags/tag_area.asp) | Specifies the coordinates of the area |
| [data](https://www.w3schools.com/tags/att_data.asp) | [<object>](https://www.w3schools.com/tags/tag_object.asp) | Specifies the URL of the resource to be used by the object |
| [data-\*](https://www.w3schools.com/tags/att_data-.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Used to store custom data private to the page or application |
| [datetime](https://www.w3schools.com/tags/att_datetime.asp) | [<del>](https://www.w3schools.com/tags/tag_del.asp), [<ins>](https://www.w3schools.com/tags/tag_ins.asp), [<time>](https://www.w3schools.com/tags/tag_time.asp) | Specifies the date and time |
| [default](https://www.w3schools.com/tags/att_default.asp) | [<track>](https://www.w3schools.com/tags/tag_track.asp) | Specifies that the track is to be enabled if the user's preferences do not indicate that another track would be more appropriate |
| [defer](https://www.w3schools.com/tags/att_defer.asp) | [<script>](https://www.w3schools.com/tags/tag_script.asp) | Specifies that the script is executed when the page has finished parsing (only for external scripts) |
| [dir](https://www.w3schools.com/tags/att_dir.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies the text direction for the content in an element |
| [dirname](https://www.w3schools.com/tags/att_dirname.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies that the text direction will be submitted |
| [disabled](https://www.w3schools.com/tags/att_disabled.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<fieldset>](https://www.w3schools.com/tags/tag_fieldset.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), <optgroup>, [<option>](https://www.w3schools.com/tags/tag_option.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies that the specified element/group of elements should be disabled |
| [download](https://www.w3schools.com/tags/att_download.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp) | Specifies that the target will be downloaded when a user clicks on the hyperlink |
| [draggable](https://www.w3schools.com/tags/att_draggable.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies whether an element is draggable or not |
| [dropzone](https://www.w3schools.com/tags/att_dropzone.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies whether the dragged data is copied, moved, or linked, when dropped |
| [enctype](https://www.w3schools.com/tags/att_enctype.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies how the form-data should be encoded when submitting it to the server (only for method="post") |
| [for](https://www.w3schools.com/tags/att_for.asp) | <label>, [<output>](https://www.w3schools.com/tags/tag_output.asp) | Specifies which form element(s) a label/calculation is bound to |
| [form](https://www.w3schools.com/tags/att_form.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<fieldset>](https://www.w3schools.com/tags/tag_fieldset.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), <label>, [<meter>](https://www.w3schools.com/tags/tag_meter.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<output>](https://www.w3schools.com/tags/tag_output.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies the name of the form the element belongs to |
| [formaction](https://www.w3schools.com/tags/att_formaction.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies where to send the form-data when a form is submitted. Only for type="submit" |
| [headers](https://www.w3schools.com/tags/att_headers.asp) | [<td>](https://www.w3schools.com/tags/tag_td.asp), [<th>](https://www.w3schools.com/tags/tag_th.asp) | Specifies one or more headers cells a cell is related to |
| [height](https://www.w3schools.com/tags/att_height.asp) | <canvas>, [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies the height of the element |
| [hidden](https://www.w3schools.com/tags/att_hidden.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies that an element is not yet, or is no longer, relevant |
| [high](https://www.w3schools.com/tags/att_high.asp) | [<meter>](https://www.w3schools.com/tags/tag_meter.asp) | Specifies the range that is considered to be a high value |
| [href](https://www.w3schools.com/tags/att_href.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp), [<base>](https://www.w3schools.com/tags/tag_base.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp) | Specifies the URL of the page the link goes to |
| [hreflang](https://www.w3schools.com/tags/att_hreflang.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp) | Specifies the language of the linked document |
| [http-equiv](https://www.w3schools.com/tags/att_http-equiv.asp) | [<meta>](https://www.w3schools.com/tags/tag_meta.asp) | Provides an HTTP header for the information/value of the content attribute |
| [id](https://www.w3schools.com/tags/att_id.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies a unique id for an element |
| [ismap](https://www.w3schools.com/tags/att_ismap.asp) | [<img>](https://www.w3schools.com/tags/tag_img.asp) | Specifies an image as a server-side image-map |
| [kind](https://www.w3schools.com/tags/att_kind.asp) | [<track>](https://www.w3schools.com/tags/tag_track.asp) | Specifies the kind of text track |
| [label](https://www.w3schools.com/tags/att_label.asp) | [<track>](https://www.w3schools.com/tags/tag_track.asp), [<option>](https://www.w3schools.com/tags/tag_option.asp), [<optgroup>](https://www.w3schools.com/tags/tag_optgroup.asp) | Specifies the title of the text track |
| [lang](https://www.w3schools.com/tags/att_lang.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies the language of the element's content |
| [list](https://www.w3schools.com/tags/att_list.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Refers to a <datalist> element that contains pre-defined options for an <input> element |
| [loop](https://www.w3schools.com/tags/att_loop.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies that the audio/video will start over again, every time it is finished |
| [low](https://www.w3schools.com/tags/att_low.asp) | [<meter>](https://www.w3schools.com/tags/tag_meter.asp) | Specifies the range that is considered to be a low value |
| [max](https://www.w3schools.com/tags/att_max.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<meter>](https://www.w3schools.com/tags/tag_meter.asp), [<progress>](https://www.w3schools.com/tags/tag_progress.asp) | Specifies the maximum value |
| [maxlength](https://www.w3schools.com/tags/att_maxlength.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies the maximum number of characters allowed in an element |
| [media](https://www.w3schools.com/tags/att_media.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp), [<source>](https://www.w3schools.com/tags/tag_source.asp), [<style>](https://www.w3schools.com/tags/tag_style.asp) | Specifies what media/device the linked document is optimized for |
| [method](https://www.w3schools.com/tags/att_method.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies the HTTP method to use when sending form-data |
| [min](https://www.w3schools.com/tags/att_min.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<meter>](https://www.w3schools.com/tags/tag_meter.asp) | Specifies a minimum value |
| [multiple](https://www.w3schools.com/tags/att_multiple.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp) | Specifies that a user can enter more than one value |
| [muted](https://www.w3schools.com/tags/att_muted.asp) | [<video>](https://www.w3schools.com/tags/tag_video.asp), [<audio>](https://www.w3schools.com/tags/tag_audio.asp) | Specifies that the audio output of the video should be muted |
| [name](https://www.w3schools.com/tags/att_name.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<fieldset>](https://www.w3schools.com/tags/tag_fieldset.asp), [<form>](https://www.w3schools.com/tags/tag_form.asp), [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<map>](https://www.w3schools.com/tags/tag_map.asp), [<meta>](https://www.w3schools.com/tags/tag_meta.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<output>](https://www.w3schools.com/tags/tag_output.asp), [<param>](https://www.w3schools.com/tags/tag_param.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies the name of the element |
| [novalidate](https://www.w3schools.com/tags/att_novalidate.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies that the form should not be validated when submitted |
| [onabort](https://www.w3schools.com/tags/att_onabort.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run on abort |
| [onafterprint](https://www.w3schools.com/tags/att_onafterprint.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run after the document is printed |
| [onbeforeprint](https://www.w3schools.com/tags/att_onbeforeprint.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run before the document is printed |
| [onbeforeunload](https://www.w3schools.com/tags/att_onbeforeunload.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when the document is about to be unloaded |
| [onblur](https://www.w3schools.com/tags/att_onblur.asp) | All visible elements. | Script to be run when the element loses focus |
| [oncanplay](https://www.w3schools.com/tags/att_oncanplay.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when a file is ready to start playing (when it has buffered enough to begin) |
| [oncanplaythrough](https://www.w3schools.com/tags/att_oncanplaythrough.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when a file can be played all the way to the end without pausing for buffering |
| [onchange](https://www.w3schools.com/tags/att_onchange.asp) | All visible elements. | Script to be run when the value of the element is changed |
| [onclick](https://www.w3schools.com/tags/att_onclick.asp) | All visible elements. | Script to be run when the element is being clicked |
| [oncontextmenu](https://www.w3schools.com/tags/att_oncontextmenu.asp) | All visible elements. | Script to be run when a context menu is triggered |
| [oncopy](https://www.w3schools.com/tags/att_oncopy.asp) | All visible elements. | Script to be run when the content of the element is being copied |
| [oncuechange](https://www.w3schools.com/tags/att_oncuechange.asp) | [<track>](https://www.w3schools.com/tags/tag_track.asp) | Script to be run when the cue changes in a [<track>](https://www.w3schools.com/tags/tag_track.asp) element |
| [oncut](https://www.w3schools.com/tags/att_oncut.asp) | All visible elements. | Script to be run when the content of the element is being cut |
| [ondblclick](https://www.w3schools.com/tags/att_ondblclick.asp) | All visible elements. | Script to be run when the element is being double-clicked |
| [ondrag](https://www.w3schools.com/tags/att_ondrag.asp) | All visible elements. | Script to be run when the element is being dragged |
| [ondragend](https://www.w3schools.com/tags/att_ondragend.asp) | All visible elements. | Script to be run at the end of a drag operation |
| [ondragenter](https://www.w3schools.com/tags/att_ondragenter.asp) | All visible elements. | Script to be run when an element has been dragged to a valid drop target |
| [ondragleave](https://www.w3schools.com/tags/att_ondragleave.asp) | All visible elements. | Script to be run when an element leaves a valid drop target |
| [ondragover](https://www.w3schools.com/tags/att_ondragover.asp) | All visible elements. | Script to be run when an element is being dragged over a valid drop target |
| [ondragstart](https://www.w3schools.com/tags/att_ondragstart.asp) | All visible elements. | Script to be run at the start of a drag operation |
| [ondrop](https://www.w3schools.com/tags/att_ondrop.asp) | All visible elements. | Script to be run when dragged element is being dropped |
| [ondurationchange](https://www.w3schools.com/tags/att_ondurationchange.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the length of the media changes |
| [onemptied](https://www.w3schools.com/tags/att_onemptied.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when something bad happens and the file is suddenly unavailable (like unexpectedly disconnects) |
| [onended](https://www.w3schools.com/tags/att_onended.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the media has reach the end (a useful event for messages like "thanks for listening") |
| [onerror](https://www.w3schools.com/tags/att_onerror.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<body>](https://www.w3schools.com/tags/tag_body.asp), [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<script>](https://www.w3schools.com/tags/tag_script.asp), [<style>](https://www.w3schools.com/tags/tag_style.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when an error occurs |
| [onfocus](https://www.w3schools.com/tags/att_onfocus.asp) | All visible elements. | Script to be run when the element gets focus |
| [onhashchange](https://www.w3schools.com/tags/att_onhashchange.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when there has been changes to the anchor part of the a URL |
| [oninput](https://www.w3schools.com/tags/att_oninput.asp) | All visible elements. | Script to be run when the element gets user input |
| [oninvalid](https://www.w3schools.com/tags/att_oninvalid.asp) | All visible elements. | Script to be run when the element is invalid |
| [onkeydown](https://www.w3schools.com/tags/att_onkeydown.asp) | All visible elements. | Script to be run when a user is pressing a key |
| [onkeypress](https://www.w3schools.com/tags/att_onkeypress.asp) | All visible elements. | Script to be run when a user presses a key |
| [onkeyup](https://www.w3schools.com/tags/att_onkeyup.asp) | All visible elements. | Script to be run when a user releases a key |
| [onload](https://www.w3schools.com/tags/att_onload.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp), [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp), [<script>](https://www.w3schools.com/tags/tag_script.asp), [<style>](https://www.w3schools.com/tags/tag_style.asp) | Script to be run when the element is finished loading |
| [onloadeddata](https://www.w3schools.com/tags/att_onloadeddata.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when media data is loaded |
| [onloadedmetadata](https://www.w3schools.com/tags/att_onloadedmetadata.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when meta data (like dimensions and duration) are loaded |
| [onloadstart](https://www.w3schools.com/tags/att_onloadstart.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run just as the file begins to load before anything is actually loaded |
| [onmousedown](https://www.w3schools.com/tags/att_onmousedown.asp) | All visible elements. | Script to be run when a mouse button is pressed down on an element |
| [onmousemove](https://www.w3schools.com/tags/att_onmousemove.asp) | All visible elements. | Script to be run as long as the  mouse pointer is moving over an element |
| [onmouseout](https://www.w3schools.com/tags/att_onmouseout.asp) | All visible elements. | Script to be run when a mouse pointer moves out of an element |
| [onmouseover](https://www.w3schools.com/tags/att_onmouseover.asp) | All visible elements. | Script to be run when a mouse pointer moves over an element |
| [onmouseup](https://www.w3schools.com/tags/att_onmouseup.asp) | All visible elements. | Script to be run when a mouse button is released over an element |
| [onmousewheel](https://www.w3schools.com/tags/att_onmousewheel.asp) | All visible elements. | Script to be run when a mouse wheel is being scrolled over an element |
| [onoffline](https://www.w3schools.com/tags/att_onoffline.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when the browser starts to work offline |
| [ononline](https://www.w3schools.com/tags/att_ononline.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when the browser starts to work online |
| onpagehide | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when a user navigates away from a page |
| [onpageshow](https://www.w3schools.com/tags/att_onpageshow.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when a user navigates to a page |
| [onpaste](https://www.w3schools.com/tags/att_onpaste.asp) | All visible elements. | Script to be run when the user pastes some content in an element |
| [onpause](https://www.w3schools.com/tags/att_onpause.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the media is paused either by the user or programmatically |
| [onplay](https://www.w3schools.com/tags/att_onplay.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the media has started playing |
| [onplaying](https://www.w3schools.com/tags/att_onplaying.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the media has started playing |
| onpopstate | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when the window's history changes. |
| [onprogress](https://www.w3schools.com/tags/att_onprogress.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the browser is in the process of getting the media data |
| [onratechange](https://www.w3schools.com/tags/att_onratechange.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run each time the playback rate changes (like when a user switches to a slow motion or fast forward mode). |
| [onreset](https://www.w3schools.com/tags/att_onreset.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Script to be run when a reset button in a form is clicked. |
| [onresize](https://www.w3schools.com/tags/att_onresize.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when the browser window is being resized. |
| [onscroll](https://www.w3schools.com/tags/att_onscroll.asp) | All visible elements. | Script to be run when an element's scrollbar is being scrolled |
| [onsearch](https://www.w3schools.com/tags/att_onsearch.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Script to be run when the user writes something in a search field (for <input="search">) |
| [onseeked](https://www.w3schools.com/tags/att_onseeked.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the seeking attribute is set to false indicating that seeking has ended |
| [onseeking](https://www.w3schools.com/tags/att_onseeking.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the seeking attribute is set to true indicating that seeking is active |
| [onselect](https://www.w3schools.com/tags/att_onselect.asp) | All visible elements. | Script to be run when the element gets selected |
| [onstalled](https://www.w3schools.com/tags/att_onstalled.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the browser is unable to fetch the media data for whatever reason |
| onstorage | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when a Web Storage area is updated |
| [onsubmit](https://www.w3schools.com/tags/att_onsubmit.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Script to be run when a form is submitted |
| [onsuspend](https://www.w3schools.com/tags/att_onsuspend.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when fetching the media data is stopped before it is completely loaded for whatever reason |
| [ontimeupdate](https://www.w3schools.com/tags/att_ontimeupdate.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the playing position has changed (like when the user fast forwards to a different point in the media) |
| [ontoggle](https://www.w3schools.com/tags/att_ontoggle.asp) | [<details>](https://www.w3schools.com/tags/tag_details.asp) | Script to be run when the user opens or closes the <details> element |
| [onunload](https://www.w3schools.com/tags/att_onunload.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when a page has unloaded (or the browser window has been closed) |
| [onvolumechange](https://www.w3schools.com/tags/att_onvolumechange.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run each time the volume of a video/audio has been changed |
| [onwaiting](https://www.w3schools.com/tags/att_onwaiting.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the media has paused but is expected to resume (like when the media pauses to buffer more data) |
| [onwheel](https://www.w3schools.com/tags/att_onwheel.asp) | All visible elements. | Script to be run when the mouse wheel rolls up or down over an element |
| [open](https://www.w3schools.com/tags/att_open.asp) | [<details>](https://www.w3schools.com/tags/tag_details.asp) | Specifies that the details should be visible (open) to the user |
| [optimum](https://www.w3schools.com/tags/att_optimum.asp) | [<meter>](https://www.w3schools.com/tags/tag_meter.asp) | Specifies what value is the optimal value for the gauge |
| [pattern](https://www.w3schools.com/tags/att_pattern.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies a regular expression that an <input> element's value is checked against |
| [placeholder](https://www.w3schools.com/tags/att_placeholder.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies a short hint that describes the expected value of the element |
| [poster](https://www.w3schools.com/tags/att_poster.asp) | [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies an image to be shown while the video is downloading, or until the user hits the play button |
| [preload](https://www.w3schools.com/tags/att_preload.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies if and how the author thinks the audio/video should be loaded when the page loads |
| [readonly](https://www.w3schools.com/tags/att_readonly.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies that the element is read-only |
| [rel](https://www.w3schools.com/tags/att_rel.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp), [<form>](https://www.w3schools.com/tags/tag_form.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp) | Specifies the relationship between the current document and the linked document |
| [required](https://www.w3schools.com/tags/att_required.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies that the element must be filled out before submitting the form |
| [reversed](https://www.w3schools.com/tags/att_reversed.asp) | [<ol>](https://www.w3schools.com/tags/tag_ol.asp) | Specifies that the list order should be descending (9,8,7...) |
| [rows](https://www.w3schools.com/tags/att_rows.asp) | [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies the visible number of lines in a text area |
| [rowspan](https://www.w3schools.com/tags/att_rowspan.asp) | [<td>](https://www.w3schools.com/tags/tag_td.asp), [<th>](https://www.w3schools.com/tags/tag_th.asp) | Specifies the number of rows a table cell should span |
| [sandbox](https://www.w3schools.com/tags/att_sandbox.asp) | [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp) | Enables an extra set of restrictions for the content in an <iframe> |
| [scope](https://www.w3schools.com/tags/att_scope.asp) | [<th>](https://www.w3schools.com/tags/tag_th.asp) | Specifies whether a header cell is a header for a column, row, or group of columns or rows |
| [selected](https://www.w3schools.com/tags/att_selected.asp) | [<option>](https://www.w3schools.com/tags/tag_option.asp) | Specifies that an option should be pre-selected when the page loads |
| [shape](https://www.w3schools.com/tags/att_shape.asp) | [<area>](https://www.w3schools.com/tags/tag_area.asp) | Specifies the shape of the area |
| [size](https://www.w3schools.com/tags/att_size.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp) | Specifies the width, in characters (for <input>) or specifies the number of visible options (for <select>) |
| [sizes](https://www.w3schools.com/tags/att_sizes.asp) | [<img>](https://www.w3schools.com/tags/tag_img.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp), [<source>](https://www.w3schools.com/tags/tag_source.asp) | Specifies the size of the linked resource |
| [span](https://www.w3schools.com/tags/att_span.asp) | [<col>](https://www.w3schools.com/tags/tag_col.asp), [<colgroup>](https://www.w3schools.com/tags/tag_colgroup.asp) | Specifies the number of columns to span |
| [spellcheck](https://www.w3schools.com/tags/att_spellcheck.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies whether the element is to have its spelling and grammar checked or not |
| [src](https://www.w3schools.com/tags/att_src.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<script>](https://www.w3schools.com/tags/tag_script.asp), [<source>](https://www.w3schools.com/tags/tag_source.asp), [<track>](https://www.w3schools.com/tags/tag_track.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies the URL of the media file |
| [srcdoc](https://www.w3schools.com/tags/att_srcdoc.asp) | [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp) | Specifies the HTML content of the page to show in the <iframe> |
| [srclang](https://www.w3schools.com/tags/att_srclang.asp) | [<track>](https://www.w3schools.com/tags/tag_track.asp) | Specifies the language of the track text data (required if kind="subtitles") |
| [srcset](https://www.w3schools.com/tags/att_source_srcset.asp) | [<img>](https://www.w3schools.com/tags/tag_img.asp), [<source>](https://www.w3schools.com/tags/tag_source.asp) | Specifies the URL of the image to use in different situations |
| [start](https://www.w3schools.com/tags/att_start.asp) | [<ol>](https://www.w3schools.com/tags/tag_ol.asp) | Specifies the start value of an ordered list |
| [step](https://www.w3schools.com/tags/att_step.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies the legal number intervals for an input field |
| [style](https://www.w3schools.com/tags/att_style.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies an inline CSS style for an element |
| [tabindex](https://www.w3schools.com/tags/att_tabindex.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies the tabbing order of an element |
| [target](https://www.w3schools.com/tags/att_target.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp), [<base>](https://www.w3schools.com/tags/tag_base.asp), [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies the target for where to open the linked document or where to submit the form |
| [title](https://www.w3schools.com/tags/att_title.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies extra information about an element |
| [translate](https://www.w3schools.com/tags/att_translate.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies whether the content of an element should be translated or not |
| [type](https://www.w3schools.com/tags/att_type.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<button>](https://www.w3schools.com/tags/tag_button.asp), [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp), [<menu>](https://www.w3schools.com/tags/tag_menu.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<script>](https://www.w3schools.com/tags/tag_script.asp), [<source>](https://www.w3schools.com/tags/tag_source.asp), [<style>](https://www.w3schools.com/tags/tag_style.asp) | Specifies the type of element |
| [usemap](https://www.w3schools.com/tags/att_usemap.asp) | [<img>](https://www.w3schools.com/tags/tag_img.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp) | Specifies an image as a client-side image-map |
| [value](https://www.w3schools.com/tags/att_value.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<li>](https://www.w3schools.com/tags/tag_li.asp), [<option>](https://www.w3schools.com/tags/tag_option.asp), [<meter>](https://www.w3schools.com/tags/tag_meter.asp), [<progress>](https://www.w3schools.com/tags/tag_progress.asp), [<param>](https://www.w3schools.com/tags/tag_param.asp) | Specifies the value of the element |
| [width](https://www.w3schools.com/tags/att_width.asp) | <canvas>, [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies the width of the element |
| [wrap](https://www.w3schools.com/tags/att_wrap.asp) | [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies how the text in a text area is to be wrapped when submitted in a form |

**HTML - Events Reference:-**

|  |  |  |
| --- | --- | --- |
| [**onafterprint**](https://www.w3schools.com/tags/ev_onafterprint.asp) | ***script*** | **Script to be run after the document is printed** |
| [**onbeforeprint**](https://www.w3schools.com/tags/ev_onbeforeprint.asp) | ***script*** | **Script to be run before the document is printed** |
| [**onbeforeunload**](https://www.w3schools.com/tags/ev_onbeforeunload.asp) | ***script*** | **Script to be run when the document is about to be unloaded** |
| [**onerror**](https://www.w3schools.com/tags/ev_onerror.asp) | ***script*** | **Script to be run when an error occurs** |
| [**onhashchange**](https://www.w3schools.com/tags/ev_onhashchange.asp) | ***script*** | **Script to be run when there has been changes to the anchor part of the a URL** |
| [**onload**](https://www.w3schools.com/tags/ev_onload.asp) | ***script*** | **Fires after the page is finished loading** |
| **onmessage** | ***script*** | **Script to be run when the message is triggered** |
| [**onoffline**](https://www.w3schools.com/tags/ev_onoffline.asp) | ***script*** | **Script to be run when the browser starts to work offline** |
| [**ononline**](https://www.w3schools.com/tags/ev_ononline.asp) | ***script*** | **Script to be run when the browser starts to work online** |
| **onpagehide** | ***script*** | **Script to be run when a user navigates away from a page** |
| [**onpageshow**](https://www.w3schools.com/tags/ev_onpageshow.asp) | ***script*** | **Script to be run when a user navigates to a page** |
| **onpopstate** | ***script*** | **Script to be run when the window's history changes** |
| [**onresize**](https://www.w3schools.com/tags/ev_onresize.asp) | ***script*** | **Fires when the browser window is resized** |
| **onstorage** | ***script*** | **Script to be run when a Web Storage area is updated** |
| [**onunload**](https://www.w3schools.com/tags/ev_onunload.asp) | ***script*** | **Fires once a page has unloaded (or the browser window has been closed)** |

**Form Events**

**Events triggered by actions inside a HTML form (applies to almost all HTML elements, but is most used in form elements):**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| [**onblur**](https://www.w3schools.com/tags/ev_onblur.asp) | ***script*** | **Fires the moment that the element loses focus** |
| [**onchange**](https://www.w3schools.com/tags/ev_onchange.asp) | ***script*** | **Fires the moment when the value of the element is changed** |
| [**oncontextmenu**](https://www.w3schools.com/tags/ev_oncontextmenu.asp) | ***script*** | **Script to be run when a context menu is triggered** |
| [**onfocus**](https://www.w3schools.com/tags/ev_onfocus.asp) | ***script*** | **Fires the moment when the element gets focus** |
| [**oninput**](https://www.w3schools.com/tags/ev_oninput.asp) | ***script*** | **Script to be run when an element gets user input** |
| [**oninvalid**](https://www.w3schools.com/tags/ev_oninvalid.asp) | ***script*** | **Script to be run when an element is invalid** |
| [**onreset**](https://www.w3schools.com/tags/ev_onreset.asp) | ***script*** | **Fires when the Reset button in a form is clicked** |
| [**onsearch**](https://www.w3schools.com/tags/ev_onsearch.asp) | ***script*** | **Fires when the user writes something in a search field (for <input="search">)** |
| [**onselect**](https://www.w3schools.com/tags/ev_onselect.asp) | ***script*** | **Fires after some text has been selected in an element** |
| [**onsubmit**](https://www.w3schools.com/tags/ev_onsubmit.asp) | ***script*** | **Fires when a form is submitted** |

**Keyboard Events**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| [**onkeydown**](https://www.w3schools.com/tags/ev_onkeydown.asp) | ***script*** | **Fires when a user is pressing a key** |
| [**onkeypress**](https://www.w3schools.com/tags/ev_onkeypress.asp) | ***script*** | **Fires when a user presses a key** |
| [**onkeyup**](https://www.w3schools.com/tags/ev_onkeyup.asp) | ***script*** | **Fires when a user releases a key** |

**Mouse Events**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| [**onclick**](https://www.w3schools.com/tags/ev_onclick.asp) | ***script*** | **Fires on a mouse click on the element** |
| [**ondblclick**](https://www.w3schools.com/tags/ev_ondblclick.asp) | ***script*** | **Fires on a mouse double-click on the element** |
| [**onmousedown**](https://www.w3schools.com/tags/ev_onmousedown.asp) | ***script*** | **Fires when a mouse button is pressed down on an element** |
| [**onmousemove**](https://www.w3schools.com/tags/ev_onmousemove.asp) | ***script*** | **Fires when the mouse pointer is moving while it is over an element** |
| [**onmouseout**](https://www.w3schools.com/tags/ev_onmouseout.asp) | ***script*** | **Fires when the mouse pointer moves out of an element** |
| [**onmouseover**](https://www.w3schools.com/tags/ev_onmouseover.asp) | ***script*** | **Fires when the mouse pointer moves over an element** |
| [**onmouseup**](https://www.w3schools.com/tags/ev_onmouseup.asp) | ***script*** | **Fires when a mouse button is released over an element** |
| **onmousewheel** | ***script*** | **Deprecated. Use the** [**onwheel**](https://www.w3schools.com/tags/ev_onwheel.asp) **attribute instead** |
| [**onwheel**](https://www.w3schools.com/tags/ev_onwheel.asp) | ***script*** | **Fires when the mouse wheel rolls up or down over an element** |

**Drag Events**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| [**ondrag**](https://www.w3schools.com/tags/ev_ondrag.asp) | ***script*** | **Script to be run when an element is dragged** |
| [**ondragend**](https://www.w3schools.com/tags/ev_ondragend.asp) | ***script*** | **Script to be run at the end of a drag operation** |
| [**ondragenter**](https://www.w3schools.com/tags/ev_ondragenter.asp) | ***script*** | **Script to be run when an element has been dragged to a valid drop target** |
| [**ondragleave**](https://www.w3schools.com/tags/ev_ondragleave.asp) | ***script*** | **Script to be run when an element leaves a valid drop target** |
| [**ondragover**](https://www.w3schools.com/tags/ev_ondragover.asp) | ***script*** | **Script to be run when an element is being dragged over a valid drop target** |
| [**ondragstart**](https://www.w3schools.com/tags/ev_ondragstart.asp) | ***script*** | **Script to be run at the start of a drag operation** |
| [**ondrop**](https://www.w3schools.com/tags/ev_ondrop.asp) | ***script*** | **Script to be run when dragged element is being dropped** |
| [**onscroll**](https://www.w3schools.com/tags/ev_onscroll.asp) | ***script*** | **Script to be run when an element's scrollbar is being scrolled** |

**Clipboard Events**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| [**oncopy**](https://www.w3schools.com/tags/ev_oncopy.asp) | ***script*** | **Fires when the user copies the content of an element** |
| [**oncut**](https://www.w3schools.com/tags/ev_oncut.asp) | ***script*** | **Fires when the user cuts the content of an element** |
| [**onpaste**](https://www.w3schools.com/tags/ev_onpaste.asp) | ***script*** | **Fires when the user pastes some content in an element** |

**HTML - Fonts Reference:-**

These are different types of fonts that can be used according to various operating systems

**Fonts for Microsoft Systems**

|  |  |  |
| --- | --- | --- |
| **Font** | **Font** | **Font** |
| Andale Mono | Arial | Arial Bold |
| Arial Italic | Arial Bold Italic | Arial Black |
| Comic Sans MS | Comic Sans MS Bold | Courier New |
| Courier New Bold | Courier New Italic | Courier New Bold Italic |
| Georgia | Georgia Bold | Georgia Italic |
| Georgia Bold Italic | Impact | Lucida Console |
| Lucida Sans Unicode | Marlett | Minion Web |
| Symbol | Times New Roman | Times New Roman Bold |
| Times New Roman Italic | Times New Roman Bold Italic | Tahoma |
| Trebuchet MS | Trebuchet MS Bold | Trebuchet MS Italic |
| Trebuchet MS Bold Italic | Verdana | Verdana Bold |
| Verdana Italic | Verdana Bold Italic | Webdings |

**Fonts for Macintosh Systems**

|  |  |  |
| --- | --- | --- |
| **Font** | **Font** | **Font** |
| American Typewriter | Andale Mono | Apple Chancery |
| Arial | Arial Black | Brush Script |
| Baskerville | Big Caslon | Comic Sans MS |
| Copperplate | Courier New | Gill Sans |
| Futura | Herculanum | Impact |
| Lucida Grande | Marker Felt | Optima |
| Trebuchet MS | Verdana | Webdings |
| Palatino | Symbol | Times |
| Osaka | Papyrus | Times New Roman |
| Textile | Zapf Dingbats | Zapfino |
| Techno | Hoefler Text | Skia |
| Hoefler Text Ornaments | Capitals | Charcoal |
| Gadget | Sand |  |

**Fonts for Unix Systems**

|  |  |  |
| --- | --- | --- |
| **Font** | **Font** | **Font** |
| Charter | Clean | Courier |
| Fixed | Helvetica | Lucida |
| Lucida bright | Lucida Typewriter | New Century Schoolbook |
| Symbol | Terminal | Times |
| Utopia |  |  |

**HTML - ASCII Codes:-**

We can make use to ascii codes to perform some actions or an pop up.

**-BIT Printable ASCII Characters**

|  |  |  |
| --- | --- | --- |
| **ASCII Characters** | **Description** | **HTML Entity Codes** |
|  | space | &#32; |
| ! | exclamation mark | &#33; |
| " | quotation mark | &#34; |
| # | number sign | &#35; |
| $ | dollar sign | &#36; |
| % | percent sign | &#37; |
| & | ampersand | &#38; |
| ' | apostrophe | &#39; |
| ( | left parenthesis | &#40; |
| ) | right parenthesis | &#41; |
| \* | asterisk | &#42; |
| + | plus sign | &#43; |
| , | comma | &#44; |
| - | hyphen | &#45; |
| . | period | &#46; |
| / | slash | &#47; |
| 0 | digit 0 | &#48; |
| 1 | digit 1 | &#49; |
| 2 | digit 2 | &#50; |
| 3 | digit 3 | &#51; |
| 4 | digit 4 | &#52; |
| 5 | digit 5 | &#53; |
| 6 | digit 6 | &#54; |
| 7 | digit 7 | &#55; |
| 8 | digit 8 | &#56; |
| 9 | digit 9 | &#57; |
| : | colon | &#58; |
| ; | semicolon | &#59; |
| < | less-than | &#60; |
| = | equals-to | &#61; |
| > | greater-than | &#62; |
| ? | question mark | &#63; |
| @ | at sign | &#64; |
| A | uppercase A | &#65; |
| B | uppercase B | &#66; |
| C | uppercase C | &#67; |
| D | uppercase D | &#68; |
| E | uppercase E | &#69; |
| F | uppercase F | &#70; |
| G | uppercase G | &#71; |
| H | uppercase H | &#72; |
| I | uppercase I | &#73; |
| J | uppercase J | &#74; |
| K | uppercase K | &#75; |
| L | uppercase L | &#76; |
| M | uppercase M | &#77; |
| N | uppercase N | &#78; |
| O | uppercase O | &#79; |
| P | uppercase P | &#80; |
| Q | uppercase Q | &#81; |
| R | uppercase R | &#82; |
| S | uppercase S | &#83; |
| T | uppercase T | &#84; |
| U | uppercase U | &#85; |
| V | uppercase V | &#86; |
| W | uppercase W | &#87; |
| X | uppercase X | &#88; |
| Y | uppercase Y | &#89; |
| Z | uppercase Z | &#90; |
| [ | left square bracket | &#91; |
| \ | backslash | &#92; |
| ] | right square bracket | &#93; |
| ^ | caret | &#94; |
| \_ | underscore | &#95; |
| ` | grave accent | &#96; |
| a | lowercase a | &#97; |
| b | lowercase b | &#98; |
| c | lowercase c | &#99; |
| d | lowercase d | &#100; |
| e | lowercase e | &#101; |
| f | lowercase f | &#102; |
| g | lowercase g | &#103; |
| h | lowercase h | &#104; |
| i | lowercase i | &#105; |
| j | lowercase j | &#106; |
| k | lowercase k | &#107; |
| l | lowercase l | &#108; |
| m | lowercase m | &#109; |
| n | lowercase n | &#110; |
| o | lowercase o | &#111; |
| p | lowercase p | &#112; |
| q | lowercase q | &#113; |
| r | lowercase r | &#114; |
| s | lowercase s | &#115; |
| t | lowercase t | &#116; |
| u | lowercase u | &#117; |
| v | lowercase v | &#118; |
| w | lowercase w | &#119; |
| x | lowercase x | &#120; |
| y | lowercase y | &#121; |
| z | lowercase z | &#122; |
| { | left curly brace | &#123; |
| | | vertical bar | &#124; |
| } | right curly brace | &#125; |
| ~ | tilde | &#126; |

**7-BIT ASCII Device Control Characters**

|  |  |  |
| --- | --- | --- |
| **ASCII Characters** | **Description** | **HTML Entity Codes** |
| NUL | null character | &#00; |
| SOH | start of header | &#01; |
| STX | start of text | &#02; |
| ETX | end of text | &#03; |
| EOT | end of transmission | &#04; |
| ENQ | enquiry | &#05; |
| ACK | acknowledge | &#06; |
| BEL | bell (ring) | &#07; |
| BS | backspace | &#08; |
| HT | horizontal tab | &#09; |
| LF | line feed | &#10; |
| VT | vertical tab | &#11; |
| FF | form feed | &#12; |
| CR | carriage return | &#13; |
| SO | shift out | &#14; |
| SI | shift in | &#15; |
| DLE | data link escape | &#16; |
| DC1 | device control 1 | &#17; |
| DC2 | device control 2 | &#18; |
| DC3 | device control 3 | &#19; |
| DC4 | device control 4 | &#20; |
| NAK | negative acknowledge | &#21; |
| SYN | synchronize | &#22; |
| ETB | end transmission block | &#23; |
| CAN | cancel | &#24; |
| EM | end of medium | &#25; |
| SUB | substitute | &#26; |
| ESC | escape | &#27; |
| FS | file separator | &#28; |
| GS | group separator | &#29; |
| RS | record separator | &#30; |
| US | unit separator | &#31; |
| DEL | delete (rubout) | &#127; |

**ASCII Table Lookup:-**

**7 Bit ASCII Codes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DEC** | **OCT** | **HEX** | **BIN** | **Symbol** | **HTML Code** | **Description** |
| **0** | **000** | **00** | **00000000** | **NUL** | **&#000;** | **Null char** |
| **1** | **001** | **01** | **00000001** | **SOH** | **&#001;** | **Start of Heading** |
| **2** | **002** | **02** | **00000010** | **STX** | **&#002;** | **Start of Text** |
| **3** | **003** | **03** | **00000011** | **ETX** | **&#003;** | **End of Text** |
| **4** | **004** | **04** | **00000100** | **EOT** | **&#004;** | **End of Transmission** |
| **5** | **005** | **05** | **00000101** | **ENQ** | **&#005;** | **Enquiry** |
| **6** | **006** | **06** | **00000110** | **ACK** | **&#006;** | **Acknowledgment** |
| **7** | **007** | **07** | **00000111** | **BEL** | **&#007;** | **Bell** |
| **8** | **010** | **08** | **00001000** | **BS** | **&#008;** | **Back Space** |
| **9** | **011** | **09** | **00001001** | **HT** | **&#009;** | **Horizontal Tab** |
| **10** | **012** | **0A** | **00001010** | **LF** | **&#010;** | **Line Feed** |
| **11** | **013** | **0B** | **00001011** | **VT** | **&#011;** | **Vertical Tab** |
| **12** | **014** | **0C** | **00001100** | **FF** | **&#012;** | **Form Feed** |
| **13** | **015** | **0D** | **00001101** | **CR** | **&#013;** | **Carriage Return** |
| **14** | **016** | **0E** | **00001110** | **SO** | **&#014;** | **Shift Out / X-On** |
| **15** | **017** | **0F** | **00001111** | **SI** | **&#015;** | **Shift In / X-Off** |
| **16** | **020** | **10** | **00010000** | **DLE** | **&#016;** | **Data Line Escape** |
| **17** | **021** | **11** | **00010001** | **DC1** | **&#017;** | **Device Control 1 (oft. XON)** |
| **18** | **022** | **12** | **00010010** | **DC2** | **&#018;** | **Device Control 2** |
| **19** | **023** | **13** | **00010011** | **DC3** | **&#019;** | **Device Control 3 (oft. XOFF)** |
| **20** | **024** | **14** | **00010100** | **DC4** | **&#020;** | **Device Control 4** |
| **21** | **025** | **15** | **00010101** | **NAK** | **&#021;** | **Negative Acknowledgement** |
| **22** | **026** | **16** | **00010110** | **SYN** | **&#022;** | **Synchronous Idle** |
| **23** | **027** | **17** | **00010111** | **ETB** | **&#023;** | **End of Transmit Block** |
| **24** | **030** | **18** | **00011000** | **CAN** | **&#024;** | **Cancel** |
| **25** | **031** | **19** | **00011001** | **EM** | **&#025;** | **End of Medium** |
| **26** | **032** | **1A** | **00011010** | **SUB** | **&#026;** | **Substitute** |
| **27** | **033** | **1B** | **00011011** | **ESC** | **&#027;** | **Escape** |
| **28** | **034** | **1C** | **00011100** | **FS** | **&#028;** | **File Separator** |
| **29** | **035** | **1D** | **00011101** | **GS** | **&#029;** | **Group Separator** |
| **30** | **036** | **1E** | **00011110** | **RS** | **&#030;** | **Record Separator** |
| **31** | **037** | **1F** | **00011111** | **US** | **&#031;** | **Unit Separator** |
| **32** | **040** | **20** | **00100000** |  | **&#32;** | **Space** |
| **33** | **041** | **21** | **00100001** | **!** | **&#33;** | **Exclamation mark** |
| **34** | **042** | **22** | **00100010** | **"** | **&#34;** | **Double quotes** |
| **35** | **043** | **23** | **00100011** | **#** | **&#35;** | **Number** |
| **36** | **044** | **24** | **00100100** | **$** | **&#36;** | **Dollar** |
| **37** | **045** | **25** | **00100101** | **%** | **&#37;** | **Procenttecken** |
| **38** | **046** | **26** | **00100110** | **&** | **&#38;** | **Ampersand** |
| **39** | **047** | **27** | **00100111** | **'** | **&#39;** | **Single quote** |
| **40** | **050** | **28** | **00101000** | **(** | **&#40;** | **Open parenthesis** |
| **41** | **051** | **29** | **00101001** | **)** | **&#41;** | **Close parenthesis** |
| **42** | **052** | **2A** | **00101010** | **\*** | **&#42;** | **Asterisk** |
| **43** | **053** | **2B** | **00101011** | **+** | **&#43;** | **Plus** |
| **44** | **054** | **2C** | **00101100** | **,** | **&#44;** | **Comma** |
| **45** | **055** | **2D** | **00101101** | **-** | **&#45;** | **Hyphen** |
| **46** | **056** | **2E** | **00101110** | **.** | **&#46;** | **Period, dot or full stop** |
| **47** | **057** | **2F** | **00101111** | **/** | **&#47;** | **Slash or divide** |
| **48** | **060** | **30** | **00110000** | **0** | **&#48;** | **Zero** |
| **49** | **061** | **31** | **00110001** | **1** | **&#49;** | **One** |
| **50** | **062** | **32** | **00110010** | **2** | **&#50;** | **Two** |
| **51** | **063** | **33** | **00110011** | **3** | **&#51;** | **Three** |
| **52** | **064** | **34** | **00110100** | **4** | **&#52;** | **Four** |
| **53** | **065** | **35** | **00110101** | **5** | **&#53;** | **Five** |
| **54** | **066** | **36** | **00110110** | **6** | **&#54;** | **Six** |
| **55** | **067** | **37** | **00110111** | **7** | **&#55;** | **Seven** |
| **56** | **070** | **38** | **00111000** | **8** | **&#56;** | **Eight** |
| **57** | **071** | **39** | **00111001** | **9** | **&#57;** | **Nine** |
| **58** | **072** | **3A** | **00111010** | **:** | **&#58;** | **Colon** |
| **59** | **073** | **3B** | **00111011** | **;** | **&#59;** | **Semicolon** |
| **60** | **074** | **3C** | **00111100** | **<** | **&#60;** | **Less than** |
| **61** | **075** | **3D** | **00111101** | **=** | **&#61;** | **Equals** |
| **62** | **076** | **3E** | **00111110** | **>** | **&#62;** | **Greater than** |
| **63** | **077** | **3F** | **00111111** | **?** | **&#63;** | **Question mark** |
| **64** | **100** | **40** | **01000000** | **@** | **&#64;** | **At symbol** |
| **65** | **101** | **41** | **01000001** | **A** | **&#65;** | **Uppercase A** |
| **66** | **102** | **42** | **01000010** | **B** | **&#66;** | **Uppercase B** |
| **67** | **103** | **43** | **01000011** | **C** | **&#67;** | **Uppercase C** |
| **68** | **104** | **44** | **01000100** | **D** | **&#68;** | **Uppercase D** |
| **69** | **105** | **45** | **01000101** | **E** | **&#69;** | **Uppercase E** |
| **70** | **106** | **46** | **01000110** | **F** | **&#70;** | **Uppercase F** |
| **71** | **107** | **47** | **01000111** | **G** | **&#71;** | **Uppercase G** |
| **72** | **110** | **48** | **01001000** | **H** | **&#72;** | **Uppercase H** |
| **73** | **111** | **49** | **01001001** | **I** | **&#73;** | **Uppercase I** |
| **74** | **112** | **4A** | **01001010** | **J** | **&#74;** | **Uppercase J** |
| **75** | **113** | **4B** | **01001011** | **K** | **&#75;** | **Uppercase K** |
| **76** | **114** | **4C** | **01001100** | **L** | **&#76;** | **Uppercase L** |
| **77** | **115** | **4D** | **01001101** | **M** | **&#77;** | **Uppercase M** |
| **78** | **116** | **4E** | **01001110** | **N** | **&#78;** | **Uppercase N** |
| **79** | **117** | **4F** | **01001111** | **O** | **&#79;** | **Uppercase O** |
| **80** | **120** | **50** | **01010000** | **P** | **&#80;** | **Uppercase P** |
| **81** | **121** | **51** | **01010001** | **Q** | **&#81;** | **Uppercase Q** |
| **82** | **122** | **52** | **01010010** | **R** | **&#82;** | **Uppercase R** |
| **83** | **123** | **53** | **01010011** | **S** | **&#83;** | **Uppercase S** |
| **84** | **124** | **54** | **01010100** | **T** | **&#84;** | **Uppercase T** |
| **85** | **125** | **55** | **01010101** | **U** | **&#85;** | **Uppercase U** |
| **86** | **126** | **56** | **01010110** | **V** | **&#86;** | **Uppercase V** |
| **87** | **127** | **57** | **01010111** | **W** | **&#87;** | **Uppercase W** |
| **88** | **130** | **58** | **01011000** | **X** | **&#88;** | **Uppercase X** |
| **89** | **131** | **59** | **01011001** | **Y** | **&#89;** | **Uppercase Y** |
| **90** | **132** | **5A** | **01011010** | **Z** | **&#90;** | **Uppercase Z** |
| **91** | **133** | **5B** | **01011011** | **[** | **&#91;** | **Opening bracket** |
| **92** | **134** | **5C** | **01011100** | **\** | **&#92;** | **Backslash** |
| **93** | **135** | **5D** | **01011101** | **]** | **&#93;** | **Closing bracket** |
| **94** | **136** | **5E** | **01011110** | **^** | **&#94;** | **Caret - circumflex** |
| **95** | **137** | **5F** | **01011111** | **\_** | **&#95;** | **Underscore** |
| **96** | **140** | **60** | **01100000** | **`** | **&#96;** | **Grave accent** |
| **97** | **141** | **61** | **01100001** | **a** | **&#97;** | **Lowercase a** |
| **98** | **142** | **62** | **01100010** | **b** | **&#98;** | **Lowercase b** |
| **99** | **143** | **63** | **01100011** | **c** | **&#99;** | **Lowercase c** |
| **100** | **144** | **64** | **01100100** | **d** | **&#100;** | **Lowercase d** |
| **101** | **145** | **65** | **01100101** | **e** | **&#101;** | **Lowercase e** |
| **102** | **146** | **66** | **01100110** | **f** | **&#102;** | **Lowercase f** |
| **103** | **147** | **67** | **01100111** | **g** | **&#103;** | **Lowercase g** |
| **104** | **150** | **68** | **01101000** | **h** | **&#104;** | **Lowercase h** |
| **105** | **151** | **69** | **01101001** | **i** | **&#105;** | **Lowercase i** |
| **106** | **152** | **6A** | **01101010** | **j** | **&#106;** | **Lowercase j** |
| **107** | **153** | **6B** | **01101011** | **k** | **&#107;** | **Lowercase k** |
| **108** | **154** | **6C** | **01101100** | **l** | **&#108;** | **Lowercase l** |
| **109** | **155** | **6D** | **01101101** | **m** | **&#109;** | **Lowercase m** |
| **110** | **156** | **6E** | **01101110** | **n** | **&#110;** | **Lowercase n** |
| **111** | **157** | **6F** | **01101111** | **o** | **&#111;** | **Lowercase o** |
| **112** | **160** | **70** | **01110000** | **p** | **&#112;** | **Lowercase p** |
| **113** | **161** | **71** | **01110001** | **q** | **&#113;** | **Lowercase q** |
| **114** | **162** | **72** | **01110010** | **r** | **&#114;** | **Lowercase r** |
| **115** | **163** | **73** | **01110011** | **s** | **&#115;** | **Lowercase s** |
| **116** | **164** | **74** | **01110100** | **t** | **&#116;** | **Lowercase t** |
| **117** | **165** | **75** | **01110101** | **u** | **&#117;** | **Lowercase u** |
| **118** | **166** | **76** | **01110110** | **v** | **&#118;** | **Lowercase v** |
| **119** | **167** | **77** | **01110111** | **w** | **&#119;** | **Lowercase w** |
| **120** | **170** | **78** | **01111000** | **x** | **&#120;** | **Lowercase x** |
| **121** | **171** | **79** | **01111001** | **y** | **&#121;** | **Lowercase y** |
| **122** | **172** | **7A** | **01111010** | **z** | **&#122;** | **Lowercase z** |
| **123** | **173** | **7B** | **01111011** | **{** | **&#123;** | **Opening brace** |
| **124** | **174** | **7C** | **01111100** | **|** | **&#124;** | **Vertical bar** |
| **125** | **175** | **7D** | **01111101** | **}** | **&#125;** | **Closing brace** |
| **126** | **176** | **7E** | **01111110** | **~** | **&#126;** | **Equivalency sign (tilde)** |
| **127** | **177** | **7F** | **01111111** |  | **&#127;** | **Delete** |

**Extended ASCII Codes**

**Below is set of additional 128 Extended ASCII Codes according to ISO 8859-1, also called ISO Latin-1.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DEC** | **OCT** | **HEX** | **BIN** | **Symbol** | **HTMLCode** | **Description** |
| **128** | **200** | **80** | **10000000** | **€** | **&#128;** | **Euro sign** |
| **129** | **201** | **81** | **10000001** |  |  |  |
| **130** | **202** | **82** | **10000010** | **‚** | **&#130;** | **Single low-9 quotation mark** |
| **131** | **203** | **83** | **10000011** | **ƒ** | **&#131;** | **Latin small letter f with hook** |
| **132** | **204** | **84** | **10000100** | **„** | **&#132;** | **Double low-9 quotation mark** |
| **133** | **205** | **85** | **10000101** | **…** | **&#133;** | **Horizontal ellipsis** |
| **134** | **206** | **86** | **10000110** | **†** | **&#134;** | **Dagger** |
| **135** | **207** | **87** | **10000111** | **‡** | **&#135;** | **Double dagger** |
| **136** | **210** | **88** | **10001000** | **ˆ** | **&#136;** | **Modifier letter circumflex accent** |
| **137** | **211** | **89** | **10001001** | **‰** | **&#137;** | **Per mille sign** |
| **138** | **212** | **8A** | **10001010** | **Š** | **&#138;** | **Latin capital letter S with caron** |
| **139** | **213** | **8B** | **10001011** | **‹** | **&#139;** | **Single left-pointing angle quotation** |
| **140** | **214** | **8C** | **10001100** | **Œ** | **&#140;** | **Latin capital ligature OE** |
| **141** | **215** | **8D** | **10001101** |  |  |  |
| **142** | **216** | **8E** | **10001110** | **Ž** | **&#142;** | **Latin capital letter Z with caron** |
| **143** | **217** | **8F** | **10001111** |  |  |  |
| **144** | **220** | **90** | **10010000** |  |  |  |
| **145** | **221** | **91** | **10010001** | **‘** | **&#145;** | **Left single quotation mark** |
| **146** | **222** | **92** | **10010010** | **’** | **&#146;** | **Right single quotation mark** |
| **147** | **223** | **93** | **10010011** | **“** | **&#147;** | **Left double quotation mark** |
| **148** | **224** | **94** | **10010100** | **”** | **&#148;** | **Right double quotation mark** |
| **149** | **225** | **95** | **10010101** | **•** | **&#149;** | **Bullet** |
| **150** | **226** | **96** | **10010110** | **–** | **&#150;** | **En dash** |
| **151** | **227** | **97** | **10010111** | **—** | **&#151;** | **Em dash** |
| **152** | **230** | **98** | **10011000** | **˜** | **&#152;** | **Small tilde** |
| **153** | **231** | **99** | **10011001** | **™** | **&#153;** | **Trade mark sign** |
| **154** | **232** | **9A** | **10011010** | **š** | **&#154;** | **Latin small letter S with caron** |
| **155** | **233** | **9B** | **10011011** | **›** | **&#155;** | **Single right-pointing angle quotation mark** |
| **156** | **234** | **9C** | **10011100** | **œ** | **&#156;** | **Latin small ligature oe** |
| **157** | **235** | **9D** | **10011101** |  |  |  |
| **158** | **236** | **9E** | **10011110** | **ž** | **&#158;** | **Latin small letter z with caron** |
| **159** | **237** | **9F** | **10011111** | **Ÿ** | **&#159;** | **Latin capital letter Y with diaeresis** |
| **160** | **240** | **A0** | **10100000** |  | **&#160;** | **Non-breaking space** |
| **161** | **241** | **A1** | **10100001** | **¡** | **&#161;** | **Inverted exclamation mark** |
| **162** | **242** | **A2** | **10100010** | **¢** | **&#162;** | **Cent sign** |
| **163** | **243** | **A3** | **10100011** | **£** | **&#163;** | **Pound sign** |
| **164** | **244** | **A4** | **10100100** | **¤** | **&#164;** | **Currency sign** |
| **165** | **245** | **A5** | **10100101** | **¥** | **&#165;** | **Yen sign** |
| **166** | **246** | **A6** | **10100110** | **¦** | **&#166;** | **Pipe, Broken vertical bar** |
| **167** | **247** | **A7** | **10100111** | **§** | **&#167;** | **Section sign** |
| **168** | **250** | **A8** | **10101000** | **¨** | **&#168;** | **Spacing diaeresis - umlaut** |
| **169** | **251** | **A9** | **10101001** | **©** | **&#169;** | **Copyright sign** |
| **170** | **252** | **AA** | **10101010** | **ª** | **&#170;** | **Feminine ordinal indicator** |
| **171** | **253** | **AB** | **10101011** | **«** | **&#171;** | **Left double angle quotes** |
| **172** | **254** | **AC** | **10101100** | **¬** | **&#172;** | **Not sign** |
| **173** | **255** | **AD** | **10101101** | **­** | **&#173;** | **Soft hyphen** |
| **174** | **256** | **AE** | **10101110** | **®** | **&#174;** | **Registered trade mark sign** |
| **175** | **257** | **AF** | **10101111** | **¯** | **&#175;** | **Spacing macron - overline** |
| **176** | **260** | **B0** | **10110000** | **°** | **&#176;** | **Degree sign** |
| **177** | **261** | **B1** | **10110001** | **±** | **&#177;** | **Plus-or-minus sign** |
| **178** | **262** | **B2** | **10110010** | **²** | **&#178;** | **Superscript two - squared** |
| **179** | **263** | **B3** | **10110011** | **³** | **&#179;** | **Superscript three - cubed** |
| **180** | **264** | **B4** | **10110100** | **´** | **&#180;** | **Acute accent - spacing acute** |
| **181** | **265** | **B5** | **10110101** | **µ** | **&#181;** | **Micro sign** |
| **182** | **266** | **B6** | **10110110** | **¶** | **&#182;** | **Pilcrow sign - paragraph sign** |
| **183** | **267** | **B7** | **10110111** | **·** | **&#183;** | **Middle dot - Georgian comma** |
| **184** | **270** | **B8** | **10111000** | **¸** | **&#184;** | **Spacing cedilla** |
| **185** | **271** | **B9** | **10111001** | **¹** | **&#185;** | **Superscript one** |
| **186** | **272** | **BA** | **10111010** | **º** | **&#186;** | **Masculine ordinal indicator** |
| **187** | **273** | **BB** | **10111011** | **»** | **&#187;** | **Right double angle quotes** |
| **188** | **274** | **BC** | **10111100** | **¼** | **&#188;** | **Fraction one quarter** |
| **189** | **275** | **BD** | **10111101** | **½** | **&#189;** | **Fraction one half** |
| **190** | **276** | **BE** | **10111110** | **¾** | **&#190;** | **Fraction three quarters** |
| **191** | **277** | **BF** | **10111111** | **¿** | **&#191;** | **Inverted question mark** |
| **192** | **300** | **C0** | **11000000** | **À** | **&#192;** | **Latin capital letter A with grave** |
| **193** | **301** | **C1** | **11000001** | **Á** | **&#193;** | **Latin capital letter A with acute** |
| **194** | **302** | **C2** | **11000010** | **Â** | **&#194;** | **Latin capital letter A with circumflex** |
| **195** | **303** | **C3** | **11000011** | **Ã** | **&#195;** | **Latin capital letter A with tilde** |
| **196** | **304** | **C4** | **11000100** | **Ä** | **&#196;** | **Latin capital letter A with diaeresis** |
| **197** | **305** | **C5** | **11000101** | **Å** | **&#197;** | **Latin capital letter A with ring above** |
| **198** | **306** | **C6** | **11000110** | **Æ** | **&#198;** | **Latin capital letter AE** |
| **199** | **307** | **C7** | **11000111** | **Ç** | **&#199;** | **Latin capital letter C with cedilla** |
| **200** | **310** | **C8** | **11001000** | **È** | **&#200;** | **Latin capital letter E with grave** |
| **201** | **311** | **C9** | **11001001** | **É** | **&#201;** | **Latin capital letter E with acute** |
| **202** | **312** | **CA** | **11001010** | **Ê** | **&#202;** | **Latin capital letter E with circumflex** |
| **203** | **313** | **CB** | **11001011** | **Ë** | **&#203;** | **Latin capital letter E with diaeresis** |
| **204** | **314** | **CC** | **11001100** | **Ì** | **&#204;** | **Latin capital letter I with grave** |
| **205** | **315** | **CD** | **11001101** | **Í** | **&#205;** | **Latin capital letter I with acute** |
| **206** | **316** | **CE** | **11001110** | **Î** | **&#206;** | **Latin capital letter I with circumflex** |
| **207** | **317** | **CF** | **11001111** | **Ï** | **&#207;** | **Latin capital letter I with diaeresis** |
| **208** | **320** | **D0** | **11010000** | **Ð** | **&#208;** | **Latin capital letter ETH** |
| **209** | **321** | **D1** | **11010001** | **Ñ** | **&#209;** | **Latin capital letter N with tilde** |
| **210** | **322** | **D2** | **11010010** | **Ò** | **&#210;** | **Latin capital letter O with grave** |
| **211** | **323** | **D3** | **11010011** | **Ó** | **&#211;** | **Latin capital letter O with acute** |
| **212** | **324** | **D4** | **11010100** | **Ô** | **&#212;** | **Latin capital letter O with circumflex** |
| **213** | **325** | **D5** | **11010101** | **Õ** | **&#213;** | **Latin capital letter O with tilde** |
| **214** | **326** | **D6** | **11010110** | **Ö** | **&#214;** | **Latin capital letter O with diaeresis** |
| **215** | **327** | **D7** | **11010111** | **×** | **&#215;** | **Multiplication sign** |
| **216** | **330** | **D8** | **11011000** | **Ø** | **&#216;** | **Latin capital letter O with slash** |
| **217** | **331** | **D9** | **11011001** | **Ù** | **&#217;** | **Latin capital letter U with grave** |
| **218** | **332** | **DA** | **11011010** | **Ú** | **&#218;** | **Latin capital letter U with acute** |
| **219** | **333** | **DB** | **11011011** | **Û** | **&#219;** | **Latin capital letter U with circumflex** |
| **220** | **334** | **DC** | **11011100** | **Ü** | **&#220;** | **Latin capital letter U with diaeresis** |
| **221** | **335** | **DD** | **11011101** | **Ý** | **&#221;** | **Latin capital letter Y with acute** |
| **222** | **336** | **DE** | **11011110** | **Þ** | **&#222;** | **Latin capital letter THORN** |
| **223** | **337** | **DF** | **11011111** | **ß** | **&#223;** | **Latin small letter sharp s - ess-zed** |
| **224** | **340** | **E0** | **11100000** | **à** | **&#224;** | **Latin small letter a with grave** |
| **225** | **341** | **E1** | **11100001** | **á** | **&#225;** | **Latin small letter a with acute** |
| **226** | **342** | **E2** | **11100010** | **â** | **&#226;** | **Latin small letter a with circumflex** |
| **227** | **343** | **E3** | **11100011** | **ã** | **&#227;** | **Latin small letter a with tilde** |
| **228** | **344** | **E4** | **11100100** | **ä** | **&#228;** | **Latin small letter a with diaeresis** |
| **229** | **345** | **E5** | **11100101** | **å** | **&#229;** | **Latin small letter a with ring above** |
| **230** | **346** | **E6** | **11100110** | **æ** | **&#230;** | **Latin small letter ae** |
| **231** | **347** | **E7** | **11100111** | **ç** | **&#231;** | **Latin small letter c with cedilla** |
| **232** | **350** | **E8** | **11101000** | **è** | **&#232;** | **Latin small letter e with grave** |
| **233** | **351** | **E9** | **11101001** | **é** | **&#233;** | **Latin small letter e with acute** |
| **234** | **352** | **EA** | **11101010** | **ê** | **&#234;** | **Latin small letter e with circumflex** |
| **235** | **353** | **EB** | **11101011** | **ë** | **&#235;** | **Latin small letter e with diaeresis** |
| **236** | **354** | **EC** | **11101100** | **ì** | **&#236;** | **Latin small letter i with grave** |
| **237** | **355** | **ED** | **11101101** | **í** | **&#237;** | **Latin small letter i with acute** |
| **238** | **356** | **EE** | **11101110** | **î** | **&#238;** | **Latin small letter i with circumflex** |
| **239** | **357** | **EF** | **11101111** | **ï** | **&#239;** | **Latin small letter i with diaeresis** |
| **240** | **360** | **F0** | **11110000** | **ð** | **&#240;** | **Latin small letter eth** |
| **241** | **361** | **F1** | **11110001** | **ñ** | **&#241;** | **Latin small letter n with tilde** |
| **242** | **362** | **F2** | **11110010** | **ò** | **&#242;** | **Latin small letter o with grave** |
| **243** | **363** | **F3** | **11110011** | **ó** | **&#243;** | **Latin small letter o with acute** |
| **244** | **364** | **F4** | **11110100** | **ô** | **&#244;** | **Latin small letter o with circumflex** |
| **245** | **365** | **F5** | **11110101** | **õ** | **&#245;** | **Latin small letter o with tilde** |
| **246** | **366** | **F6** | **11110110** | **ö** | **&#246;** | **Latin small letter o with diaeresis** |
| **247** | **367** | **F7** | **11110111** | **÷** | **&#247;** | **Division sign** |
| **248** | **370** | **F8** | **11111000** | **ø** | **&#248;** | **Latin small letter o with slash** |
| **249** | **371** | **F9** | **11111001** | **ù** | **&#249;** | **Latin small letter u with grave** |
| **250** | **372** | **FA** | **11111010** | **ú** | **&#250;** | **Latin small letter u with acute** |
| **251** | **373** | **FB** | **11111011** | **û** | **&#251;** | **Latin small letter u with circumflex** |
| **252** | **374** | **FC** | **11111100** | **ü** | **&#252;** | **Latin small letter u with diaeresis** |
| **253** | **375** | **FD** | **11111101** | **ý** | **&#253;** | **Latin small letter y with acute** |
| **254** | **376** | **FE** | **11111110** | **þ** | **&#254;** | **Latin small letter thorn** |
| **255** | **377** | **FF** | **11111111** | **ÿ** | **&#255;** | **Latin small letter y with diaeresis** |

**HTML - Color Names:-**

background-color along with different text colors):

[AliceBlue](https://www.w3schools.com/colors/color_tryit.asp?color=AliceBlue)

[#F0F8FF](https://www.w3schools.com/colors/color_tryit.asp?hex=F0F8FF)

[AntiqueWhite](https://www.w3schools.com/colors/color_tryit.asp?color=AntiqueWhite)

[#FAEBD7](https://www.w3schools.com/colors/color_tryit.asp?hex=FAEBD7)

[Aqua](https://www.w3schools.com/colors/color_tryit.asp?color=Aqua)

[#00FFFF](https://www.w3schools.com/colors/color_tryit.asp?hex=00FFFF)

[Aquamarine](https://www.w3schools.com/colors/color_tryit.asp?color=Aquamarine)

[#7FFFD4](https://www.w3schools.com/colors/color_tryit.asp?hex=7FFFD4)

[Azure](https://www.w3schools.com/colors/color_tryit.asp?color=Azure)

[#F0FFFF](https://www.w3schools.com/colors/color_tryit.asp?hex=F0FFFF)

[Beige](https://www.w3schools.com/colors/color_tryit.asp?color=Beige)

[#F5F5DC](https://www.w3schools.com/colors/color_tryit.asp?hex=F5F5DC)

[Bisque](https://www.w3schools.com/colors/color_tryit.asp?color=Bisque)

[#FFE4C4](https://www.w3schools.com/colors/color_tryit.asp?hex=FFE4C4)

[Black](https://www.w3schools.com/colors/color_tryit.asp?color=Black)

[#000000](https://www.w3schools.com/colors/color_tryit.asp?hex=000000)

[BlanchedAlmond](https://www.w3schools.com/colors/color_tryit.asp?color=BlanchedAlmond)

[#FFEBCD](https://www.w3schools.com/colors/color_tryit.asp?hex=FFEBCD)

[Blue](https://www.w3schools.com/colors/color_tryit.asp?color=Blue)

[#0000FF](https://www.w3schools.com/colors/color_tryit.asp?hex=0000FF)

[BlueViolet](https://www.w3schools.com/colors/color_tryit.asp?color=BlueViolet)

[#8A2BE2](https://www.w3schools.com/colors/color_tryit.asp?hex=8A2BE2)

[Brown](https://www.w3schools.com/colors/color_tryit.asp?color=Brown)

[#A52A2A](https://www.w3schools.com/colors/color_tryit.asp?hex=A52A2A)

[BurlyWood](https://www.w3schools.com/colors/color_tryit.asp?color=BurlyWood)

[#DEB887](https://www.w3schools.com/colors/color_tryit.asp?hex=DEB887)

[CadetBlue](https://www.w3schools.com/colors/color_tryit.asp?color=CadetBlue)

[#5F9EA0](https://www.w3schools.com/colors/color_tryit.asp?hex=5F9EA0)

[Chartreuse](https://www.w3schools.com/colors/color_tryit.asp?color=Chartreuse)

[#7FFF00](https://www.w3schools.com/colors/color_tryit.asp?hex=7FFF00)

[Chocolate](https://www.w3schools.com/colors/color_tryit.asp?color=Chocolate)

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[Coral](https://www.w3schools.com/colors/color_tryit.asp?color=Coral)

[#FF7F50](https://www.w3schools.com/colors/color_tryit.asp?hex=FF7F50)

[CornflowerBlue](https://www.w3schools.com/colors/color_tryit.asp?color=CornflowerBlue)

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[Cornsilk](https://www.w3schools.com/colors/color_tryit.asp?color=Cornsilk)

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[Crimson](https://www.w3schools.com/colors/color_tryit.asp?color=Crimson)

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[Linen](https://www.w3schools.com/colors/color_tryit.asp?color=Linen)

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[MediumOrchid](https://www.w3schools.com/colors/color_tryit.asp?color=MediumOrchid)

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[MediumPurple](https://www.w3schools.com/colors/color_tryit.asp?color=MediumPurple)

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[MediumSpringGreen](https://www.w3schools.com/colors/color_tryit.asp?color=MediumSpringGreen)

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[#191970](https://www.w3schools.com/colors/color_tryit.asp?hex=191970)

[MintCream](https://www.w3schools.com/colors/color_tryit.asp?color=MintCream)

[#F5FFFA](https://www.w3schools.com/colors/color_tryit.asp?hex=F5FFFA)

[MistyRose](https://www.w3schools.com/colors/color_tryit.asp?color=MistyRose)

[#FFE4E1](https://www.w3schools.com/colors/color_tryit.asp?hex=FFE4E1)

[Moccasin](https://www.w3schools.com/colors/color_tryit.asp?color=Moccasin)

[#FFE4B5](https://www.w3schools.com/colors/color_tryit.asp?hex=FFE4B5)

[NavajoWhite](https://www.w3schools.com/colors/color_tryit.asp?color=NavajoWhite)

[#FFDEAD](https://www.w3schools.com/colors/color_tryit.asp?hex=FFDEAD)

[Navy](https://www.w3schools.com/colors/color_tryit.asp?color=Navy)

[#000080](https://www.w3schools.com/colors/color_tryit.asp?hex=000080)

[OldLace](https://www.w3schools.com/colors/color_tryit.asp?color=OldLace)

[#FDF5E6](https://www.w3schools.com/colors/color_tryit.asp?hex=FDF5E6)

[Olive](https://www.w3schools.com/colors/color_tryit.asp?color=Olive)

[#808000](https://www.w3schools.com/colors/color_tryit.asp?hex=808000)

[OliveDrab](https://www.w3schools.com/colors/color_tryit.asp?color=OliveDrab)

[#6B8E23](https://www.w3schools.com/colors/color_tryit.asp?hex=6B8E23)

[Orange](https://www.w3schools.com/colors/color_tryit.asp?color=Orange)

[#FFA500](https://www.w3schools.com/colors/color_tryit.asp?hex=FFA500)

[OrangeRed](https://www.w3schools.com/colors/color_tryit.asp?color=OrangeRed)

[#FF4500](https://www.w3schools.com/colors/color_tryit.asp?hex=FF4500)

[Orchid](https://www.w3schools.com/colors/color_tryit.asp?color=Orchid)

[#DA70D6](https://www.w3schools.com/colors/color_tryit.asp?hex=DA70D6)

[PaleGoldenRod](https://www.w3schools.com/colors/color_tryit.asp?color=PaleGoldenRod)

[#EEE8AA](https://www.w3schools.com/colors/color_tryit.asp?hex=EEE8AA)

[PaleGreen](https://www.w3schools.com/colors/color_tryit.asp?color=PaleGreen)

[#98FB98](https://www.w3schools.com/colors/color_tryit.asp?hex=98FB98)

[PaleTurquoise](https://www.w3schools.com/colors/color_tryit.asp?color=PaleTurquoise)

[#AFEEEE](https://www.w3schools.com/colors/color_tryit.asp?hex=AFEEEE)

[PaleVioletRed](https://www.w3schools.com/colors/color_tryit.asp?color=PaleVioletRed)

[#DB7093](https://www.w3schools.com/colors/color_tryit.asp?hex=DB7093)

[PapayaWhip](https://www.w3schools.com/colors/color_tryit.asp?color=PapayaWhip)

[#FFEFD5](https://www.w3schools.com/colors/color_tryit.asp?hex=FFEFD5)

[PeachPuff](https://www.w3schools.com/colors/color_tryit.asp?color=PeachPuff)

[#FFDAB9](https://www.w3schools.com/colors/color_tryit.asp?hex=FFDAB9)

[Peru](https://www.w3schools.com/colors/color_tryit.asp?color=Peru)

[#CD853F](https://www.w3schools.com/colors/color_tryit.asp?hex=CD853F)

[Pink](https://www.w3schools.com/colors/color_tryit.asp?color=Pink)

[#FFC0CB](https://www.w3schools.com/colors/color_tryit.asp?hex=FFC0CB)

[Plum](https://www.w3schools.com/colors/color_tryit.asp?color=Plum)

[#DDA0DD](https://www.w3schools.com/colors/color_tryit.asp?hex=DDA0DD)

[PowderBlue](https://www.w3schools.com/colors/color_tryit.asp?color=PowderBlue)

[#B0E0E6](https://www.w3schools.com/colors/color_tryit.asp?hex=B0E0E6)

[Purple](https://www.w3schools.com/colors/color_tryit.asp?color=Purple)

[#800080](https://www.w3schools.com/colors/color_tryit.asp?hex=800080)

[RebeccaPurple](https://www.w3schools.com/colors/color_tryit.asp?color=RebeccaPurple)

[#663399](https://www.w3schools.com/colors/color_tryit.asp?hex=663399)

[Red](https://www.w3schools.com/colors/color_tryit.asp?color=Red)

[#FF0000](https://www.w3schools.com/colors/color_tryit.asp?hex=FF0000)

[RosyBrown](https://www.w3schools.com/colors/color_tryit.asp?color=RosyBrown)

[#BC8F8F](https://www.w3schools.com/colors/color_tryit.asp?hex=BC8F8F)

[RoyalBlue](https://www.w3schools.com/colors/color_tryit.asp?color=RoyalBlue)

[#4169E1](https://www.w3schools.com/colors/color_tryit.asp?hex=4169E1)

[SaddleBrown](https://www.w3schools.com/colors/color_tryit.asp?color=SaddleBrown)

[#8B4513](https://www.w3schools.com/colors/color_tryit.asp?hex=8B4513)

[Salmon](https://www.w3schools.com/colors/color_tryit.asp?color=Salmon)

[#FA8072](https://www.w3schools.com/colors/color_tryit.asp?hex=FA8072)

[SandyBrown](https://www.w3schools.com/colors/color_tryit.asp?color=SandyBrown)

[#F4A460](https://www.w3schools.com/colors/color_tryit.asp?hex=F4A460)

[SeaGreen](https://www.w3schools.com/colors/color_tryit.asp?color=SeaGreen)

[#2E8B57](https://www.w3schools.com/colors/color_tryit.asp?hex=2E8B57)

[SeaShell](https://www.w3schools.com/colors/color_tryit.asp?color=SeaShell)

[#FFF5EE](https://www.w3schools.com/colors/color_tryit.asp?hex=FFF5EE)

[Sienna](https://www.w3schools.com/colors/color_tryit.asp?color=Sienna)

[#A0522D](https://www.w3schools.com/colors/color_tryit.asp?hex=A0522D)

[Silver](https://www.w3schools.com/colors/color_tryit.asp?color=Silver)

[#C0C0C0](https://www.w3schools.com/colors/color_tryit.asp?hex=C0C0C0)

[SkyBlue](https://www.w3schools.com/colors/color_tryit.asp?color=SkyBlue)

[#87CEEB](https://www.w3schools.com/colors/color_tryit.asp?hex=87CEEB)

[SlateBlue](https://www.w3schools.com/colors/color_tryit.asp?color=SlateBlue)

[#6A5ACD](https://www.w3schools.com/colors/color_tryit.asp?hex=6A5ACD)

[SlateGray](https://www.w3schools.com/colors/color_tryit.asp?color=SlateGray)

[#708090](https://www.w3schools.com/colors/color_tryit.asp?hex=708090)

[SlateGrey](https://www.w3schools.com/colors/color_tryit.asp?color=SlateGrey)

[#708090](https://www.w3schools.com/colors/color_tryit.asp?hex=708090)

[Snow](https://www.w3schools.com/colors/color_tryit.asp?color=Snow)

[#FFFAFA](https://www.w3schools.com/colors/color_tryit.asp?hex=FFFAFA)

[SpringGreen](https://www.w3schools.com/colors/color_tryit.asp?color=SpringGreen)

[#00FF7F](https://www.w3schools.com/colors/color_tryit.asp?hex=00FF7F)

[SteelBlue](https://www.w3schools.com/colors/color_tryit.asp?color=SteelBlue)

[#4682B4](https://www.w3schools.com/colors/color_tryit.asp?hex=4682B4)

[Tan](https://www.w3schools.com/colors/color_tryit.asp?color=Tan)

[#D2B48C](https://www.w3schools.com/colors/color_tryit.asp?hex=D2B48C)

[Teal](https://www.w3schools.com/colors/color_tryit.asp?color=Teal)

[#008080](https://www.w3schools.com/colors/color_tryit.asp?hex=008080)

[Thistle](https://www.w3schools.com/colors/color_tryit.asp?color=Thistle)

[#D8BFD8](https://www.w3schools.com/colors/color_tryit.asp?hex=D8BFD8)

[Tomato](https://www.w3schools.com/colors/color_tryit.asp?color=Tomato)

[#FF6347](https://www.w3schools.com/colors/color_tryit.asp?hex=FF6347)

[Turquoise](https://www.w3schools.com/colors/color_tryit.asp?color=Turquoise)

[#40E0D0](https://www.w3schools.com/colors/color_tryit.asp?hex=40E0D0)

[Violet](https://www.w3schools.com/colors/color_tryit.asp?color=Violet)

[#EE82EE](https://www.w3schools.com/colors/color_tryit.asp?hex=EE82EE)

[Wheat](https://www.w3schools.com/colors/color_tryit.asp?color=Wheat)

[#F5DEB3](https://www.w3schools.com/colors/color_tryit.asp?hex=F5DEB3)

[White](https://www.w3schools.com/colors/color_tryit.asp?color=White)

[#FFFFFF](https://www.w3schools.com/colors/color_tryit.asp?hex=FFFFFF)

[WhiteSmoke](https://www.w3schools.com/colors/color_tryit.asp?color=WhiteSmoke)

[#F5F5F5](https://www.w3schools.com/colors/color_tryit.asp?hex=F5F5F5)

[Yellow](https://www.w3schools.com/colors/color_tryit.asp?color=Yellow)

[#FFFF00](https://www.w3schools.com/colors/color_tryit.asp?hex=FFFF00)

[YellowGreen](https://www.w3schools.com/colors/color_tryit.asp?color=YellowGreen)

[#9ACD32](https://www.w3schools.com/colors/color_tryit.asp?hex=9ACD32)

**HTML – Entities:-**

Some characters are reserved in HTML.If you use the less than (<) or greater than (>) signs in your text, the browser might mix them with tags. To avoid these confusion we use the Entities as follows

|  |  |  |  |
| --- | --- | --- | --- |
| **Result** | **Description** | **Entity Name** | **Entity Number** |
|  | non-breaking space | &nbsp; | &#160; |
| < | less than | &lt; | &#60; |
| > | greater than | &gt; | &#62; |
| & | ampersand | &amp; | &#38; |
| " | double quotation mark | &quot; | &#34; |
| ' | single quotation mark (apostrophe) | &apos; | &#39; |
| ¢ | cent | &cent; | &#162; |
| £ | pound | &pound; | &#163; |
| ¥ | yen | &yen; | &#165; |
| € | euro | &euro; | &#8364; |
| © | copyright | &copy; | &#169; |
| ® | registered trademark | &reg; | &#174; |

**HTML - Fonts Ref:-**

**Fonts for Microsoft OS and Browsers −**

|  |  |  |
| --- | --- | --- |
| **Font** | **Font** | **Font** |
| Andale Mono | Arial | Arial Bold |
| Arial Italic | Arial Bold Italic | Arial Black |
| Comic Sans MS | Comic Sans MS Bold | Courier New |
| Courier New Bold | Courier New Italic | Courier New Bold Italic |
| Georgia | Georgia Bold | Georgia Italic |
| Georgia Bold Italic | Impact | Lucida Console |
| Lucida Sans Unicode | Marlett | Minion Web |
| Symbol | Times New Roman | Times New Roman Bold |
| Times New Roman Italic | Times New Roman Bold Italic | Tahoma |
| Trebuchet MS | Trebuchet MS Bold | Trebuchet MS Italic |
| Trebuchet MS Bold Italic | Verdana | Verdana Bold |
| Verdana Italic | Verdana Bold Italic | Webdings |

**Fonts for Macintosh Systems −**

Following is the list of fonts supported by Macintosh System 7 and higher versions

|  |  |  |
| --- | --- | --- |
| **Font** | **Font** | **Font** |
| American Typewriter | Andale Mono | Apple Chancery |
| Arial | Arial Black | Brush Script |
| Baskerville | Big Caslon | Comic Sans MS |
| Copperplate | Courier New | Gill Sans |
| Futura | Herculanum | Impact |
| Lucida Grande | Marker Felt | Optima |
| Trebuchet MS | Verdana | Webdings |
| Palatino | Symbol | Times |
| Osaka | Papyrus | Times New Roman |
| Textile | Zapf Dingbats | Zapfino |
| Techno | Hoefler Text | Skia |
| Hoefler Text Ornaments | Capitals | Charcoal |
| Gadget | Sand |  |

**Fonts for Unix Systems −**

Following is the list of fonts supported by most Unix System variants

|  |  |  |
| --- | --- | --- |
| **Font** | **Font** | **Font** |
| Charter | Clean | Courier |
| Fixed | Helvetica | Lucida |
| Lucida bright | Lucida Typewriter | New Century Schoolbook |
| Symbol | Terminal | Times |
| Utopia |  |  |

**HTML - Events Ref:-**

Events triggered for the window object (applies to the <body> tag):

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| [onafterprint](https://www.w3schools.com/tags/ev_onafterprint.asp) | *script* | Script to be run after the document is printed |
| [onbeforeprint](https://www.w3schools.com/tags/ev_onbeforeprint.asp) | *script* | Script to be run before the document is printed |
| [onbeforeunload](https://www.w3schools.com/tags/ev_onbeforeunload.asp) | *script* | Script to be run when the document is about to be unloaded |
| [onerror](https://www.w3schools.com/tags/ev_onerror.asp) | *script* | Script to be run when an error occurs |
| [onhashchange](https://www.w3schools.com/tags/ev_onhashchange.asp) | *script* | Script to be run when there has been changes to the anchor part of the a URL |
| [onload](https://www.w3schools.com/tags/ev_onload.asp) | *script* | Fires after the page is finished loading |
| onmessage | *script* | Script to be run when the message is triggered |
| [onoffline](https://www.w3schools.com/tags/ev_onoffline.asp) | *script* | Script to be run when the browser starts to work offline |
| [ononline](https://www.w3schools.com/tags/ev_ononline.asp) | *script* | Script to be run when the browser starts to work online |
| onpagehide | *script* | Script to be run when a user navigates away from a page |
| [onpageshow](https://www.w3schools.com/tags/ev_onpageshow.asp) | *script* | Script to be run when a user navigates to a page |
| onpopstate | *script* | Script to be run when the window's history changes |
| [onresize](https://www.w3schools.com/tags/ev_onresize.asp) | *script* | Fires when the browser window is resized |
| onstorage | *script* | Script to be run when a Web Storage area is updated |
| [onunload](https://www.w3schools.com/tags/ev_onunload.asp) | *script* | Fires once a page has unloaded (or the browser window has been closed) |

**Form Events**

Events triggered by actions inside a HTML form (applies to almost all HTML elements, but is most used in form elements):

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| [onblur](https://www.w3schools.com/tags/ev_onblur.asp) | *script* | Fires the moment that the element loses focus |
| [onchange](https://www.w3schools.com/tags/ev_onchange.asp) | *script* | Fires the moment when the value of the element is changed |
| [oncontextmenu](https://www.w3schools.com/tags/ev_oncontextmenu.asp) | *script* | Script to be run when a context menu is triggered |
| [onfocus](https://www.w3schools.com/tags/ev_onfocus.asp) | *script* | Fires the moment when the element gets focus |
| [oninput](https://www.w3schools.com/tags/ev_oninput.asp) | *script* | Script to be run when an element gets user input |
| [oninvalid](https://www.w3schools.com/tags/ev_oninvalid.asp) | *script* | Script to be run when an element is invalid |
| [onreset](https://www.w3schools.com/tags/ev_onreset.asp) | *script* | Fires when the Reset button in a form is clicked |
| [onsearch](https://www.w3schools.com/tags/ev_onsearch.asp) | *script* | Fires when the user writes something in a search field (for <input="search">) |
| [onselect](https://www.w3schools.com/tags/ev_onselect.asp) | *script* | Fires after some text has been selected in an element |
| [onsubmit](https://www.w3schools.com/tags/ev_onsubmit.asp) | *script* | Fires when a form is submitted |

**Keyboard Events**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| [onkeydown](https://www.w3schools.com/tags/ev_onkeydown.asp) | *script* | Fires when a user is pressing a key |
| [onkeypress](https://www.w3schools.com/tags/ev_onkeypress.asp) | *script* | Fires when a user presses a key |
| [onkeyup](https://www.w3schools.com/tags/ev_onkeyup.asp) | *script* | Fires when a user releases a key |

**Mouse Events**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| [onclick](https://www.w3schools.com/tags/ev_onclick.asp) | *script* | Fires on a mouse click on the element |
| [ondblclick](https://www.w3schools.com/tags/ev_ondblclick.asp) | *script* | Fires on a mouse double-click on the element |
| [onmousedown](https://www.w3schools.com/tags/ev_onmousedown.asp) | *script* | Fires when a mouse button is pressed down on an element |
| [onmousemove](https://www.w3schools.com/tags/ev_onmousemove.asp) | *script* | Fires when the mouse pointer is moving while it is over an element |
| [onmouseout](https://www.w3schools.com/tags/ev_onmouseout.asp) | *script* | Fires when the mouse pointer moves out of an element |
| [onmouseover](https://www.w3schools.com/tags/ev_onmouseover.asp) | *script* | Fires when the mouse pointer moves over an element |
| [onmouseup](https://www.w3schools.com/tags/ev_onmouseup.asp) | *script* | Fires when a mouse button is released over an element |
| onmousewheel | *script* | Deprecated. Use the [onwheel](https://www.w3schools.com/tags/ev_onwheel.asp) attribute instead |
| [onwheel](https://www.w3schools.com/tags/ev_onwheel.asp) | *script* | Fires when the mouse wheel rolls up or down over an element |

**Drag Events**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| [ondrag](https://www.w3schools.com/tags/ev_ondrag.asp) | *script* | Script to be run when an element is dragged |
| [ondragend](https://www.w3schools.com/tags/ev_ondragend.asp) | *script* | Script to be run at the end of a drag operation |
| ondragenter | *script* | Script to be run when an element has been dragged to a valid drop target |
| ondragleave | *script* | Script to be run when an element leaves a valid drop target |
| ondragover | *script* | Script to be run when an element is being dragged over a valid drop target |
| ondragstart | *script* | Script to be run at the start of a drag operation |
| ondrop | *script* | Script to be run when dragged element is being dropped |
| onscroll | *script* | Script to be run when an element's scrollbar is being scrolled |

**Clipboard Events**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| oncopy | *script* | Fires when the user copies the content of an element |
| oncut | *script* | Fires when the user cuts the content of an element |
| onpaste | *script* | Fires when the user pastes some content in an element |

**Media Events**

Events triggered by medias like videos, images and audio (applies to all HTML elements, but is most common in media elements, like <audio>, <embed>, <img>, <object>, and <video>).

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| onabort | *script* | Script to be run on abort |
| oncanplay | *script* | Script to be run when a file is ready to start playing (when it has buffered enough to begin) |
| oncanplaythrough | *script* | Script to be run when a file can be played all the way to the end without pausing for buffering |
| oncuechange | *script* | Script to be run when the cue changes in a <track> element |
| ondurationchange | *script* | Script to be run when the length of the media changes |
| onemptied | *script* | Script to be run when something bad happens and the file is suddenly unavailable (like unexpectedly disconnects) |
| onended | *script* | Script to be run when the media has reach the end (a useful event for messages like "thanks for listening") |
| onerror | *script* | Script to be run when an error occurs when the file is being loaded |
| onloadeddata | *script* | Script to be run when media data is loaded |
| onloadedmetadata | *script* | Script to be run when meta data (like dimensions and duration) are loaded |
| onloadstart | *script* | Script to be run just as the file begins to load before anything is actually loaded |
| onpause | *script* | Script to be run when the media is paused either by the user or programmatically |
| onplay | *script* | Script to be run when the media is ready to start playing |
| onplaying | *script* | Script to be run when the media actually has started playing |
| onprogress | *script* | Script to be run when the browser is in the process of getting the media data |
| onratechange | *script* | Script to be run each time the playback rate changes (like when a user switches to a slow motion or fast forward mode) |
| onseeked | *script* | Script to be run when the seeking attribute is set to false indicating that seeking has ended |
| onseeking | *script* | Script to be run when the seeking attribute is set to true indicating that seeking is active |
| onstalled | *script* | Script to be run when the browser is unable to fetch the media data for whatever reason |
| onsuspend | *script* | Script to be run when fetching the media data is stopped before it is completely loaded for whatever reason |
| ontimeupdate | *script* | Script to be run when the playing position has changed (like when the user fast forwards to a different point in the media) |
| onvolumechange | *script* | Script to be run each time the volume is changed which (includes setting the volume to "mute") |
| onwaiting | *script* | Script to be run when the media has paused but is expected to resume (like when the media pauses to buffer more data) |

**Misc Events**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| ontoggle | *script* | Fires when the user opens or closes the <details> element |

**MIME Media Types :-**

Media types are included so that the page can contain more information other than the text .The various information that can be included are as follows

* text
* image
* multipart
* audio
* video
* message
* model
* application

**HTML - URL Encoding:-**

RLs can only be sent over the Internet using the [ASCII character-set](https://www.w3schools.com/charsets/ref_html_ascii.asp). If a URL contains characters outside the ASCII set, the URL has to be converted.URL encoding converts non-ASCII characters into a format that can be transmitted over the Internet.URL encoding replaces non-ASCII characters with a "%" followed by hexadecimal digits.URLs cannot contain spaces. URL encoding normally replaces a space with a plus (+) sign, or %20.

The default character-set in HTML5 is UTF-8.

|  |  |  |
| --- | --- | --- |
| **Character** | **From Windows-1252** | **From UTF-8** |
| € | %80 | %E2%82%AC |
| £ | %A3 | %C2%A3 |
| © | %A9 | %C2%A9 |
| ® | %AE | %C2%AE |
| À | %C0 | %C3%80 |
| Á | %C1 | %C3%81 |
| Â | %C2 | %C3%82 |
| Ã | %C3 | %C3%83 |
| Ä | %C4 | %C3%84 |
| Å | %C5 | %C3%85 |

**Language ISO Codes:-**

**Language Codes: ISO 639, Microsoft**

|  |  |  |  |
| --- | --- | --- | --- |
| **Language** | **ISO Code** | **Windows Name** | **Win Code** |
| **Abkhazian** | **ab** |  |  |
| **Afar** | **aa** |  |  |
| **Afrikaans** | **af** | **LANG\_AFRIKAANS** | **0x36** |
| **Albanian** | **sq** | **LANG\_ALBANIAN** | **0x1c** |
| **Amharic** | **am** | **(no constant defined)** | **0x5e** |
| **Arabic** | **ar** | **LANG\_ARABIC** | **0x01** |
| **Armenian** | **hy** | **LANG\_ARMENIAN** | **0x2b** |
| **Assamese** | **as** | **LANG\_ASSAMESE** | **0x4d** |
| **Aymara** | **ay** |  |  |
| **Azerbaijani** | **az** | **LANG\_AZERI** | **0x2c** |
| **Bashkir** | **ba** |  |  |
| **Basque** | **eu** | **LANG\_BASQUE** | **0x2d** |
| **Bengali (Bangla)** | **bn** | **LANG\_BENGALI** | **0x45** |
| **Bhutani** | **dz** |  |  |
| **Bihari** | **bh** |  |  |
| **Bislama** | **bi** |  |  |
| **Breton** | **br** |  |  |
| **Bulgarian** | **bg** | **LANG\_BULGARIAN** | **0x02** |
| **Burmese** | **my** | **(no constant defined)** | **0x55** |
| **Byelorussian (Belarusian)** | **be** | **LANG\_BELARUSIAN** | **0x23** |
| **Cambodian** | **km** | **(no constant defined)** | **0x53** |
| **Catalan** | **ca** | **LANG\_CATALAN** | **0x03** |
| **Cherokee** |  | **(no constant defined)** | **0x5c** |
| **Chewa** |  |  |  |
| **Chinese (Simplified)** | **zh** | **LANG\_CHINESE (SUBLANG\_CHINESE\_SIMPLIFIED)** | **0x04 (0x0804)** |
| **Chinese (Traditional)** | **zh** | **LANG\_CHINESE (SUBLANG\_CHINESE\_TRADITIONAL)** | **0x04 (0x0404)** |
| **Corsican** | **co** |  |  |
| **Croatian** | **hr** | **LANG\_CROATIAN** | **0x1a** |
| **Czech** | **cs** | **LANG\_CZECH** | **0x05** |
| **Danish** | **da** | **LANG\_DANISH** | **0x06** |
| **Divehi** |  | **LANG\_DIVEHI** | **0x65** |
| **Dutch** | **nl** | **LANG\_DUTCH** | **0x13** |
| **Edo** |  | **(no constant defined)** | **0x66** |
| **English** | **en** | **LANG\_ENGLISH** | **0x09** |
| **Esperanto** | **eo** |  |  |
| **Estonian** | **et** | **LANG\_ESTONIAN** | **0x25** |
| **Faeroese** | **fo** | **LANG\_FAEROESE** | **0x38** |
| **Farsi** | **fa** | **LANG\_FARSI** | **0x29** |
| **Fiji** | **fj** |  |  |
| **Finnish** | **fi** | **LANG\_FINNISH** | **0x0b** |
| **Flemish** |  | **LANG\_DUTCH (SUBLANG\_DUTCH\_BELGIAN)** | **0x13 (0x0813)** |
| **French** | **fr** | **LANG\_FRENCH** | **0x0c** |
| **Frisian** | **fy** | **(no constant defined)** | **0x62** |
| **Fulfulde** |  | **(no constant defined)** | **0x67** |
| **Galician** | **gl** | **LANG\_GALICIAN** | **0x56** |
| **Gaelic (Scottish)** | **gd** | **(no constant defined)** | **0x3c (0x043c)** |
| **Gaelic (Manx)** | **gv** |  |  |
| **Georgian** | **ka** | **LANG\_GEORGIAN** | **0x37** |
| **German** | **de** | **LANG\_GERMAN** | **0x07** |
| **Greek** | **el** | **LANG\_GREEK** | **0x08** |
| **Greenlandic** | **kl** |  |  |
| **Guarani** | **gn** | **(no constant defined)** | **0x74** |
| **Gujarati** | **gu** | **LANG\_GUJARATI** | **0x47** |
| **Hausa** | **ha** | **(no constant defined)** | **0x68** |
| **Hawaiian** |  | **(no constant defined)** | **0x75** |
| **Hebrew** | **he, iw\*** | **LANG\_HEBREW** | **0x0d** |
| **Hindi** | **hi** | **LANG\_HINDI** | **0x39** |
| **Hungarian** | **hu** | **LANG\_HUNGARIAN** | **0x0e** |
| **Ibibio** |  | **(no constant defined)** | **0x69** |
| **Icelandic** | **is** | **LANG\_ICELANDIC** | **0x0f** |
| **Igbo** |  | **(no constant defined)** | **0x70** |
| **Indonesian** | **id, in\*** | **LANG\_INDONESIAN** | **0x21** |
| **Interlingua** | **ia** |  |  |
| **Interlingue** | **ie** |  |  |
| **Inuktitut** | **iu** | **(no constant defined)** | **0x5d** |
| **Inupiak** | **ik** |  |  |
| **Irish** | **ga** | **(no constant defined)** | **0x3c (0x083c)** |
| **Italian** | **it** | **LANG\_ITALIAN** | **0x10** |
| **Japanese** | **ja** | **LANG\_JAPANESE** | **0x11** |
| **Javanese** | **jv** |  |  |
| **Kannada** | **kn** | **LANG\_KANNADA** | **0x4b** |
| **Kanuri** |  | **(no constant defined)** | **0x71** |
| **Kashmiri** | **ks** | **LANG\_KASHMIRI** | **0x60** |
| **Kazakh** | **kk** | **LANG\_KAZAK** | **0x3f** |
| **Kinyarwanda (Ruanda)** | **rw** |  |  |
| **Kirghiz** | **ky** | **LANG\_KYRGYZ** | **0x40** |
| **Kirundi (Rundi)** | **rn** |  |  |
| **Konkani** |  | **LANG\_KONKANI** | **0x57** |
| **Korean** | **ko** | **LANG\_KOREAN** | **0x12** |
| **Kurdish** | **ku** |  |  |
| **Laothian** | **lo** | **(no constant defined)** | **0x54** |
| **Latin** | **la** | **(no constant defined)** | **0x76** |
| **Latvian (Lettish)** | **lv** | **LANG\_LATVIAN** | **0x26** |
| **Limburgish ( Limburger)** | **li** |  |  |
| **Lingala** | **ln** |  |  |
| **Lithuanian** | **lt** | **LANG\_LITHUANIAN** | **0x27** |
| **Macedonian** | **mk** | **LANG\_MACEDONIAN** | **0x2f** |
| **Malagasy** | **mg** |  |  |
| **Malay** | **ms** | **LANG\_MALAY** | **0x3e** |
| **Malayalam** | **ml** | **LANG\_MALAYALAM** | **0x4c** |
|  |  | **LANG\_MANIPURI** | **0x58** |
| **Maltese** | **mt** | **(no constant defined)** | **0x3a** |
| **Maori** | **mi** |  |  |
| **Marathi** | **mr** | **LANG\_MARATHI** | **0x4e** |
| **Moldavian** | **mo** |  |  |
| **Mongolian** | **mn** | **LANG\_MONGOLIAN** | **0x50** |
| **Nauru** | **na** |  |  |
| **Nepali** | **ne** | **LANG\_NEPALI** | **0x61** |
| **Norwegian** | **no** | **LANG\_NORWEGIAN** | **0x14** |
| **Occitan** | **oc** |  |  |
| **Oriya** | **or** | **LANG\_ORIYA** | **0x48** |
| **Oromo (Afan, Galla)** | **om** | **(no constant defined)** | **0x72** |
| **Papiamentu** |  | **(no constant defined)** | **0x79** |
| **Pashto (Pushto)** | **ps** | **(no constant defined)** | **0x63** |
| **Polish** | **pl** | **LANG\_POLISH** | **0x15** |
| **Portuguese** | **pt** | **LANG\_PORTUGUESE** | **0x16** |
| **Punjabi** | **pa** | **LANG\_PUNJABI** | **0x46** |
| **Quechua** | **qu** |  |  |
| **Rhaeto-Romance** | **rm** | **(no constant defined)** | **0x17** |
| **Romanian** | **ro** | **LANG\_ROMANIAN** | **0x18** |
| **Russian** | **ru** | **LANG\_RUSSIAN** | **0x19** |
| **Sami (Lappish)** |  | **(no constant defined)** | **0x3b** |
| **Samoan** | **sm** |  |  |
| **Sangro** | **sg** |  |  |
| **Sanskrit** | **sa** | **LANG\_SANSKRIT** | **0x4f** |
| **Serbian** | **sr** | **LANG\_SERBIAN (SUBLANG\_SERBIAN\_LATIN or SUBLANG\_SERBIAN\_CYRILLIC)** | **0x1a (0x081a or 0x0c1a)** |
| **Serbo-Croatian** | **sh** |  |  |
| **Sesotho** | **st** |  |  |
| **Setswana** | **tn** |  |  |
| **Shona** | **sn** |  |  |
| **Sindhi** | **sd** | **LANG\_SINDHI** | **0x59** |
| **Sinhalese** | **si** | **(no constant defined)** | **0x5b** |
| **Siswati** | **ss** |  |  |
| **Slovak** | **sk** | **LANG\_SLOVAK** | **0x1b** |
| **Slovenian** | **sl** | **LANG\_SLOVENIAN** | **0x24** |
| **Somali** | **so** | **(no constant defined)** | **0x77** |
| **Spanish** | **es** | **LANG\_SPANISH** | **0x0a** |
| **Sundanese** | **su** |  |  |
| **Swahili (Kiswahili)** | **sw** | **LANG\_SWAHILI** | **0x41** |
| **Swedish** | **sv** | **LANG\_SWEDISH** | **0x1d** |
| **Syriac** |  | **LANG\_SYRIAC** | **0x5a** |
| **Tagalog** | **tl** | **(no constant defined)** | **0x64** |
| **Tajik** | **tg** | **(no constant defined)** | **0x28** |
| **Tamazight** |  | **(no constant defined)** | **0x5f** |
| **Tamil** | **ta** | **LANG\_TAMIL** | **0x49** |
| **Tatar** | **tt** | **LANG\_TATAR** | **0x44** |
| **Telugu** | **te** | **LANG\_TELUGU** | **0x4a** |
| **Thai** | **th** | **LANG\_THAI** | **0x1e** |
| **Tibetan** | **bo** | **(no constant defined)** | **0x51** |
| **Tigrinya** | **ti** | **(no constant defined)** | **0x73** |
| **Tonga** | **to** |  |  |
| **Tsonga** | **ts** | **(no constant defined)** | **0x31** |
| **Turkish** | **tr** | **LANG\_TURKISH** | **0x1f** |
| **Turkmen** | **tk** | **(no constant defined)** | **0x42** |
| **Twi** | **tw** |  |  |
| **Uighur** | **ug** |  |  |
| **Ukrainian** | **uk** | **LANG\_UKRAINIAN** | **0x22** |
| **Urdu** | **ur** | **LANG\_URDU** | **0x20** |
| **Uzbek** | **uz** | **LANG\_UZBEK** | **0x43** |
| **Venda** |  | **(no constant defined)** | **0x33** |
| **Vietnamese** | **vi** | **LANG\_VIETNAMESE** | **0x2a** |
| **Volap?k** | **vo** |  |  |
| **Welsh** | **cy** | **(no constant defined)** | **0x52** |
| **Wolof** | **wo** |  |  |
| **Xhosa** | **xh** | **(no constant defined)** | **0x34** |
| **Yi** |  | **(no constant defined)** | **0x78** |
| **Yiddish** | **yi, ji\*** | **(no constant defined)** | **0x3d** |
| **Yoruba** | **yo** | **(no constant defined)** | **0x6a** |
| **Zulu** | **zu** | **(no constant defined)** | **0x35** |

**HTML - Character Encodings:-**

Character encoding is a method of converting bytes into characters. To validate or display an HTML document properly, a program must choose a proper character encoding.The most common character set or character encoding in use on computers is ASCII − **The American Standard Code for Information Interchange**, and this is probably the most widely used character set for encoding text electronically.

|  |  |
| --- | --- |
| **Sr.No** | **Character Set & Description** |
| 1 | **ISO-8859-1**  Latin alphabet part 1  Covering North America,Western Europe, Latin America, theCaribbean, Canada, Africa |
| 2 | **ISO-8859-2**  Latin alphabet part 2  Covering Eastern Europe |
| 3 | **ISO-8859-3**  Latin alphabet part 3  Covering SE Europe, Esperanto, miscellaneous others |
| 4 | **ISO-8859-4**  Latin alphabet part 4  Covering Scandinavia/Baltics (and others not in ISO-8859-1) |
| 5 | **ISO-8859-5**  Latin/Cyrillic alphabet part 5 |
| 6 | **ISO-8859-6**  Latin/Arabic alphabet part 6 |
| 7 | **ISO-8859-7**  Latin/Greek alphabet part 7 |
| 8 | **ISO-8859-8**  Latin/Hebrew alphabet part 8 |
| 9 | **ISO-8859-9**  Latin 5 alphabet part 9  Same as ISO-8859-1 except Turkish characters replace Icelandic ones |
| 10 | **ISO-8859-10**  Latin 6 Latin 6 Lappish, Nordic, and Eskimo |
| 11 | **ISO-8859-15**  The same as ISO-8859-1 but with more characters added |
| 12 | **ISO-2022-JP**  Latin/Japanese alphabet part 1 |
| 13 | **ISO-2022-JP-2**  Latin/Japanese alphabet part 2 |
| 14 | **ISO-2022-KR**  Latin/Korean alphabet part 1 |

**HTML - Deprecated Tags**

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Description** | **Alternate** |
| align | Specifies positioning of an element | text-align, float & vertical-align |
| alink | Specifies the color of an active link or selected link | active |
| background | Specifies background image | background-image |
| bgcolor | Specifies background color | background-color |
| border | Specifies a border width of any element | border-width |
| clear | Indicates how the browser should display the line after the <br /> element | clear |
| height | Specifies height of body and other elements | height |
| hspace | Specifies the amount of whitespace or padding that should appear left or right an element | padding |
| language | Specifies scripting language being used | type |
| link | Specifies the default color of all links in the document | link |
| nowrap | Prevents the text from wrapping within that table cell | white-space |
| start | Indicates the number at which a browser should start numbering a list | counter-reset |
| text | Specifies color of body text | color |
| type | Specifies the type of list in <li> tag | list-style-type |
| vlink | Specifies the color of visited links | visited |
| vspace | Specifies the amount of whitespace or padding that should appear above or below an element | padding |
| width | Specifies width of body and other elements | width |

**HTML Resources:-**

Some of the important books for html as follows

* 1. <https://www.amazon.com/exec/obidos/ASIN/0596159900/httpwwwtuto0a-20>
  2. <https://www.amazon.com/exec/obidos/ASIN/0470916591/httpwwwtuto0a-20>
  3. <https://www.amazon.com/exec/obidos/ASIN/1449363350/httpwwwtuto0a-20>

**.................**

**HTML - Interview question and answer**

1) HTML stands for?

A. Hyper Text Markup Language

B. High Text Markup Language

C. Hyper Tabular Markup Language

D. None of these

Ans :-A

2)which of the following tag is used to mark a begining of paragraph ?

A. <TD>

B. <br>

C. <P>

D. <TR>

Ans:-C

:

3)From which tag descriptive list starts ?

A. <LL>

B. <DD>

C. <DL>

D. <DS>

Ans:-C

4)HTML uses

A.User defined tags

B.Pre-specified tags

C.Fixed tags defined by the language

D.Tags only for linking

Ans :-C

5)The year in which HTML was first proposed \_\_\_\_\_\_\_.

A.1990

B.1980

C.2000

D.1995

Ans :-A

6) Fundamental HTML Block is known as \_\_\_\_\_\_\_\_\_\_\_.

A.HTML Body

B.HTML Tag

C.HTML Attribute

D.HTML Element

Ans:-B