**🔹 1. Structural Tags**

1. <!DOCTYPE> - Declares the document type and version of HTML. In HTML5, it is written as <!DOCTYPE html> and tells the browser to render the page in standards mode.
2. <html> - The root element of an HTML document. It contains the entire HTML content.
3. <head> - Contains metadata, links to stylesheets, scripts, and other information not directly visible to the user.
4. <body> - Contains all the contents of an HTML document, such as text, images, links, forms, and other elements visible to users.

**🔹 2. Semantic Tags**

1. <header> - Represents introductory content, typically a group of navigational aids or headings.
2. <nav> - Defines a navigation section with links to other parts of the website.
3. <main> - Represents the main content of the <body> that is unique and central to the page.
4. <section> - Represents a standalone section of content within a document, typically with a heading.
5. <article> - Used to enclose self-contained content such as blog posts, news articles, or forum posts.
6. <aside> - Contains content tangentially related to the content around it, such as sidebars or pull quotes.
7. <footer> - Defines the footer section of a document or section, often with contact info or related links.
8. <figure> - Specifies self-contained content, like illustrations, diagrams, photos, code listings, etc.
9. <figcaption> - Provides a caption or description for the <figure> element.
10. <time> - Represents a specific time (e.g., a date, time, or duration).

**🔹 3. Text Content Tags**

1. <h1> to <h6> - Define headings, with <h1> being the highest level and <h6> the lowest.
2. <p> - Represents a paragraph of text.
3. <br> - Inserts a line break without starting a new paragraph.
4. <hr> - Inserts a thematic break or horizontal rule.
5. <blockquote> - Defines a block of text that is a quotation from another source.
6. <q> - Defines a short inline quotation.
7. <pre> - Displays preformatted text, preserving whitespace and line breaks.
8. <code> - Used to display code snippets with monospaced font.
9. <abbr> - Represents an abbreviation or acronym. It may provide a full expansion via the title attribute.
10. <cite> - Cites the title of a creative work.
11. <dfn> - Marks the defining instance of a term.
12. <kbd> - Represents user input, usually from a keyboard.
13. <mark> - Highlights or marks text for reference.
14. <s> - Represents content that is no longer accurate or relevant (strikethrough).
15. <samp> - Represents sample output from a computer program.
16. <strong> - Indicates strong importance; often rendered as bold text.
17. <em> - Indicates emphasized text; often rendered as italic.
18. <sub> - Subscript text (appears lower).
19. <sup> - Superscript text (appears higher).
20. <u> - Represents text with a non-emphatic underline.
21. <b> - Bold text without implying any importance.
22. <i> - Italic text without implying emphasis.
23. <small> - Represents side-comments or fine print, usually rendered in smaller font.

**🔹 4. Form Tags**

1. <form> - Defines an HTML form for user input.
2. <input> - Defines an input control.
3. <label> - Labels an input element; clicking the label activates the input.
4. <textarea> - Defines a multi-line input control (text box).
5. <button> - Defines a clickable button.
6. <select> - Defines a drop-down list.
7. <option> - Defines an option in a drop-down list.
8. <optgroup> - Groups related options in a drop-down list.
9. <fieldset> - Groups related elements within a form.
10. <legend> - Defines a caption for the <fieldset>.
11. <datalist> - Contains a list of <option> elements that represent predefined options for an <input> element.
12. <output> - Represents the result of a calculation.
13. <meter> - Represents a scalar measurement within a known range.
14. <progress> - Represents the completion progress of a task.

**🔹 5. Table Tags**

1. <table> - Defines a table.
2. <tr> - Defines a row in a table.
3. <td> - Defines a standard data cell.
4. <th> - Defines a header cell.
5. <thead> - Groups the header content in a table.
6. <tbody> - Groups the body content in a table.
7. <tfoot> - Groups the footer content in a table.
8. <caption> - Provides a title or caption for a table.
9. <col> - Specifies column properties for an individual column.
10. <colgroup> - Specifies a group of columns for styling.

**🔹 6. Media Tags**

1. <img> - Embeds an image.
2. <audio> - Embeds an audio player.
3. <video> - Embeds a video player.
4. <source> - Specifies multiple media resources for <audio> and <video>.
5. <track> - Specifies text tracks (subtitles, captions) for <video> and <audio>.
6. <map> - Defines an image map (a clickable area inside an image).
7. <area> - Defines the clickable areas within an image map.
8. <picture> - Provides multiple sources for responsive images.
9. <canvas> - Provides a space on the page where JavaScript can draw graphics.
10. <svg> - Describes two-dimensional vector graphics.
11. <iframe> - Embeds another web page inside the current one.
12. <embed> - Embeds external resources such as PDFs or Flash.
13. <object> - Embeds multimedia (can also be used for images, PDFs, etc.).
14. <param> - Defines parameters for plugins inside the <object> element.

**🔹 7. Scripting & Interactive Tags**

1. <script> - Embeds JavaScript code or links to external scripts.
2. <noscript> - Defines alternative content for users with scripts disabled.
3. <template> - Holds client-side content that won’t be rendered when the page loads but can be rendered later using JavaScript.
4. <canvas> - As above, used for dynamic drawing with JavaScript.
5. <dialog> - Represents a dialog box or popup window.
6. <details> - Used to create a disclosure widget (content that users can hide/show).
7. <summary> - Provides a summary or label for the <details> element.
8. <slot> - Placeholder inside a web component where content can be passed.
9. <menu> - Represents a list or menu of commands.
10. <menuitem> - Defines a command/menu item (deprecated).

**🔹 8. Metadata Tags**

1. <meta> - Specifies metadata such as character set, author, or page description.
2. <title> - Sets the title of the document (shown in browser tab).
3. <link> - Defines relationships to external resources (like stylesheets).
4. <style> - Contains CSS rules within the HTML document.
5. <base> - Specifies the base URL for relative links.

**🔹 9. Inline Elements**

(These overlap with other sections but are listed here for classification.)

1. <a> - Defines a hyperlink.
2. <span> - Generic inline container for styling or scripting.
3. <b> - Bold text.
4. <i> - Italic text.
5. <u> - Underlined text.
6. <em> - Emphasized text.
7. <strong> - Important text.
8. <small> - Smaller text.
9. <abbr> - Abbreviation.
10. <cite> - Citation.
11. <code> - Computer code.
12. <samp> - Sample output.
13. <kbd> - Keyboard input.
14. <mark> - Highlighted text.
15. <time> - Date/time.
16. <label> - Label for form control.
17. <input> - Input control.
18. <img> - Image (inline by nature).

**🔶 10. Block Elements**

Start on a new line and take up the full width available.

| **Tag** | **Description** |
| --- | --- |
| <div> | Generic block container. |
| <p> | Paragraph. |
| <h1> to <h6> | Headings. |
| <ul>, <ol>, <li> | Lists. |
| <section>, <article>, <nav>, <aside>, <header>, <footer>, <main> | Semantic layout tags. |
| <form> | Form container. |
| <table> | Table. |
| <blockquote> | Quotation block. |
| <pre> | Preformatted block. |
| <hr> | Thematic break (horizontal rule). |
| <figure> | Container for visual content. |

## **HTML Global Attributes**

The global attributes are attributes that can be used with all HTML elements.

|  |  |  |
| --- | --- | --- |
| **Attribute** | | **Description** |
| [accesskey](https://www.w3schools.com/tags/att_global_accesskey.asp) | | Specifies a shortcut key to activate/focus an element |
| [class](https://www.w3schools.com/tags/att_global_class.asp) | | Specifies one or more classnames for an element (refers to a class in a style sheet) |
| [contenteditable](https://www.w3schools.com/tags/att_global_contenteditable.asp) | | Specifies whether the content of an element is editable or not |
| [data-\*](https://www.w3schools.com/tags/att_global_data.asp) | | Used to store custom data private to the page or application |
| [dir](https://www.w3schools.com/tags/att_global_dir.asp) | | Specifies the text direction for the content in an element |
| [draggable](https://www.w3schools.com/tags/att_global_draggable.asp) | | Specifies whether an element is draggable or not |
| [enterkeyhint](https://www.w3schools.com/tags/att_global_enterkeyhint.asp) | | Specifies the text of the enter-key on a virtual keybord |
| [hidden](https://www.w3schools.com/tags/att_global_hidden.asp) | | Specifies that an element is not yet, or is no longer, relevant |
| [id](https://www.w3schools.com/tags/att_global_id.asp) | | Specifies a unique id for an element |
| [inert](https://www.w3schools.com/tags/att_global_inert.asp) | | Specifies that the browser should ignore this section |
| [inputmode](https://www.w3schools.com/tags/att_global_inputmode.asp) | | Specifies the mode of a virtual keyboard |
| [lang](https://www.w3schools.com/tags/att_global_lang.asp) | | Specifies the language of the element's content |
| [popover](https://www.w3schools.com/tags/att_global_popover.asp) | | Specifies a popover element |
| [spellcheck](https://www.w3schools.com/tags/att_global_spellcheck.asp) | Specifies whether the element is to have its spelling and grammar checked or not | |
| [style](https://www.w3schools.com/tags/att_global_style.asp) | | Specifies an inline CSS style for an element |
| [tabindex](https://www.w3schools.com/tags/att_global_tabindex.asp) | | Specifies the tabbing order of an element |
| [title](https://www.w3schools.com/tags/att_global_title.asp) | | Specifies extra information about an element |
| [translate](https://www.w3schools.com/tags/att_global_translate.asp) | | Specifies whether the content of an element should be translated or not |

## **HTML Tags Ordered Alphabetically**



|  |  |
| --- | --- |
| **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 embedded 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 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 |
| [<hgroup>](https://www.w3schools.com/tags/tag_hgroup.asp) | Defines a header and related content |
| [<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 an image map |
| [<mark>](https://www.w3schools.com/tags/tag_mark.asp) | Defines marked/highlighted text |
| [<menu>](https://www.w3schools.com/tags/tag_menu.asp) | Defines an unordered list |
| [<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 a container for an external application |
| [<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 |
| [<search>](https://www.w3schools.com/tags/tag_search.asp) | Defines a search section |
| [<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 container for content that should be hidden when the page loads |
| [<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 specific time (or datetime) |
| [<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 some text that is unarticulated and styled differently 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 embedded video content |
| [<wbr>](https://www.w3schools.com/tags/tag_wbr.asp) | Defines a possible line-break |