

Complete List of HTML Tags

This document contains a comprehensive list of all HTML tags, categorized based on functionality.

1. Basic Structure Tags

- `<html>` – Root element of an HTML document.
- `<head>` – Contains metadata, links, and scripts.
- `<body>` – Contains the visible content of the page.

2. Metadata & SEO Tags

- `<title>` – Defines the title of the document.
- `<meta>` – Provides metadata (charset, description, keywords, etc.).
- `<link>` – Links external resources (CSS, favicons, etc.).
- `<style>` – Embeds CSS styles.
- `<script>` – Embeds JavaScript.

3. Text Content Tags

- `<h1>` to `<h6>` – Defines headings.
- `<p>` – Defines a paragraph.
- `
` – Inserts a line break.
- `<hr>` – Inserts a horizontal line.
- `<pre>` – Preserves whitespace formatting.

4. Inline Text Formatting Tags

- `` – Bold text (no semantic meaning).
- `` – Important bold text.
- `<i>` – Italic text (no semantic meaning).
- `` – Emphasized italic text.
- `<mark>` – Highlights text.
- `<small>` – Smaller text.
- `` – Deleted (strikethrough) text.

- `<ins>` – Inserted (underlined) text.
- `<sub>` – Subscript text.
- `<sup>` – Superscript text.
- `<abbr>` – Abbreviation (tooltip on hover).
- `<cite>` – Citation for a source.
- `<dfn>` – Defines a term.
- `<q>` – Inline quotation.
- `<blockquote>` – Block quotation.

5. List Tags

- `` – Unordered list.
- `` – Ordered list.
- `` – List item.
- `<dl>` – Description list.
- `<dt>` – Description term.
- `<dd>` – Description definition.

6. Links & Navigation Tags

- `<a>` – Creates a hyperlink.
- `<nav>` – Defines a navigation section.

7. Media Tags

- `` – Embeds an image.
- `<figure>` – Groups media elements.
- `<figcaption>` – Caption for `<figure>`.
- `<audio>` – Embeds audio content.
- `<video>` – Embeds video content.
- `<source>` – Media source.
- `<track>` – Captions for media.

8. Table Tags

- `<table>` – Creates a table.

- `<tr>` – Table row.
- `<td>` – Table data cell.
- `<th>` – Table header cell.
- `<thead>` – Groups header content.
- `<tbody>` – Groups body content.
- `<tfoot>` – Groups footer content.
- `<col>` – Specifies column properties.
- `<colgroup>` – Groups multiple columns.

9. Forms & Input Tags

- `<form>` – Input form container.
- `<input>` – Input field.
- `<textarea>` – Multi-line input box.
- `<button>` – Clickable button.
- `<label>` – Labels an input field.
- `<fieldset>` – Groups related inputs.
- `<legend>` – Title for `<fieldset>`.
- `<select>` – Dropdown list.
- `<option>` – Dropdown option.
- `<optgroup>` – Groups related dropdown options.
- `<datalist>` – Predefined input suggestions.

10. Interactive & Scripting Tags

- `<details>` – Expandable content section.
- `<summary>` – Title for `<details>`.
- `<dialog>` – Modal dialog.
- `<script>` – JavaScript embedding.
- `<noscript>` – Alternate content when JavaScript is disabled.
- `<canvas>` – Graphics container.
- `<svg>` – Scalable Vector Graphics.

11. Semantic Structure Tags

- `<header>` – Defines a page or section header.
- `<footer>` – Defines a footer.
- `<section>` – Groups related content.
- `<article>` – Self-contained content.
- `<aside>` – Sidebar content.
- `<main>` – Main document content.

12. Programming & Code Tags

- `<code>` – Displays code snippets.
- `<pre>` – Preserves whitespace.
- `<kbd>` – Keyboard input.
- `<samp>` – Sample program output.
- `<var>` – Variable representation.

13. Embedded Content Tags

- `<iframe>` – Embeds another webpage.
- `<embed>` – Embeds external content.
- `<object>` – Embeds external files.

14. Less Common Tags

- `<bdi>` – Isolates bidirectional text.
- `<bdo>` – Controls text direction.
- `<wbr>` – Word break opportunity.
- `<ruby>` – Ruby annotation (for East Asian text).
- `<rt>` – Ruby text annotation.
- `<rp>` – Fallback for `<ruby>`.

15. Deprecated & Obsolete Tags (Do Not Use)

- `<acronym>` – Use `<abbr>` instead.
- `<applet>` – Use `<object>`.
- `<basefont>` – Use CSS.

- `<big>` – Use CSS.
- `<blink>` – Use CSS animations.
- `<center>` – Use CSS.
- `` – Use CSS.
- `<isindex>` – Obsolete.
- `<keygen>` – Use WebCrypto API.
- `<marquee>` – Use CSS animations.
- `<menuitem>` – Obsolete.
- `<nobr>` – Use CSS.
- `<noembed>` – No longer needed.
- `<plaintext>` – Use `<pre>`.
- `<rb>` – Use `<ruby>`.
- `<rtc>` – Use `<ruby>`.
- `<s>` – Use ``.
- `<strike>` – Use ``.
- `<tt>` – Use `<code>`.
- `<u>` – Use CSS.
- `<xmp>` – Use `<pre>`.

This document covers all **valid HTML5 tags**, as well as deprecated and rarely used ones. Let me know if you need examples or explanations!