

| Tag | Description | Syntax |
|------------------|---|--------------------------------------|
| <!DOCTYPE> | Declaration defining the HTML version. | <!DOCTYPE html> |
| <html> | The root element that wraps the entire HTML document. | <html> ... </html> |
| <head> | Contains metadata about the HTML document. | <head> ... </head> |
| <title> | Sets the title of the HTML document. | <title> ... </title> |
| <body> | Contains the content of the HTML document. | <body> ... </body> |
| <h1> ... <h6> | Heading tags for defining headings (h1 is the largest). | <h1> ... </h6> |
| <p> | Defines a paragraph. | <p> ... </p> |
| <a> | Creates a hyperlink. | ... |
| | Embeds an image. | alt="description"> |
| | Defines an unordered list. | ... |
| | Defines an ordered list. | ... |
| | Represents a list item within an ordered or unordered list. | ... |
| <div> | A container for grouping other HTML elements. | <div> ... </div> |
| | An inline container often used for applying styles to text. | ... |
| | Represents a line break. | |
| <hr> | Represents a horizontal rule or line. | <hr> |

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| <form> | Wraps form elements for user input. | <form> ... </form> |
| <input> | Defines an input field within a form. | <input> |
| <textarea> | Defines a multiline text input field. | <textarea> ... </textarea> |
| <select> | Creates a dropdown list. | <select> ... </select> |
| | Represents strong importance, typically displayed as bold. | ... |
| | Represents emphasized text, typically displayed as italics. | ... |
| <u> | Represents underlined text (though not recommended for general use). | <u> ... </u> |
| <s> | Represents strikethrough text. | <s> ... </s> |
| <nav> | Represents a navigation menu. | <nav> ... </nav> |
| <audio> | Embeds audio content. | <audio> ... </audio> |
| <video> | Embeds video content. | <video> ... </video> |
| <table> | Defines a table. | <table> ... </table> |
| <tr> | Represents a table row. | <tr> ... </tr> |
| <th> | Represents a table header cell. | <th> ... </th> |
| <td> | Represents a table data cell. | <td> ... </td> |
| <label> | Associates a label with a form control. | <label> ... </label> |
| <button> | Defines a clickable button. | <button> ... </button> |

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| <option> | Represents an option in a dropdown list. | <option> ... </option> |
| <meta> | Provides metadata about the HTML document, such as character set. | <meta charset="UTF-8"> |
| <header> | Represents the header of a document or section. | <header> ... </header> |
| <footer> | Represents the footer of a document or section. | <footer> ... </footer> |
| <section> | Represents a generic section of a document. | <section> ... </section> |
| <article> | Represents an article or piece of content. | <article> ... </article> |
| <abbr> | Represents an abbreviation or acronym. | <abbr title="Abbreviation"> ... </abbr> |
| <code> | Represents a single line of code. | <code> ... </code> |
| <pre> | Represents preformatted text, preserving both spaces and line breaks. | <pre> ... </pre> |
| <a> | Anchor element for creating hyperlinks. | <a> (Anchor element) |
| Tag | Description | Syntax |
| <blockquote> | Represents a block of text that is a quotation from another source. | <blockquote> ... </blockquote> |
| <cite> | Represents the title of a creative work, such as a book or movie. | <cite> ... </cite> |
| <code> | Represents a piece of computer code. | <code> ... </code> |
| | Represents emphasized text, typically displayed in italics. | ... |
| <iframe> | Embeds an inline frame for displaying external content. | <iframe src="url" frameborder="0"></iframe> |

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| <kbd> | Represents user input, typically keyboard input. | <kbd> ... </kbd> |
| <mark> | Represents text that is marked or highlighted. | <mark> ... </mark> |
| <progress> | Represents the progress of a task, such as the completion of a form. | <progress value="50" max="100"></progress> |
| <q> | Represents a short inline quotation. | <q> ... </q> |
| <small> | Represents smaller text, often used for disclaimers or fine print. | <small> ... </small> |
| | Represents strong importance, typically displayed as bold. | ... |
| <sub> | Represents subscript text. | _{...} |
| <sup> | Represents superscript text. | ^{...} |
| <time> | Represents a specific period in time. | <time datetime="YYYY-MM-DD"> ... </time> |
| <var> | Represents the name of a variable in programming or mathematics. | <var> ... </var> |
| <wbr> | Represents a word break opportunity, allowing for a line break where needed. | <wbr> |
| Tag | Description | Syntax |
| <address> | Represents contact information for the author or owner of a document. | <address> ... </address> |
| <bdo> | Overrides the current text direction (useful for languages like Arabic or Hebrew). | <bdo dir="rtl"> ... </bdo> |
| <canvas> | Provides a space in which JavaScript can be used to draw graphics. | <canvas width="200" height="100"></canvas> |
| <caption> | Represents the title of a table. | <caption> ... </caption> |

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| <colgroup> | Specifies a group of one or more columns in a table for formatting. | <colgroup> <col span="2"> </colgroup> |
| <datalist> | Defines a list of pre-defined options for an <input> element. | <input list="datalistID"> <datalist id="datalistID"> <option value="..."> ... </datalist> |
| <details> | Represents a disclosure widget from which the user can obtain additional information or controls. | <details> <summary> ... </summary> ... </details> |
| <fieldset> | Groups related elements within a form and provides a legend for the group. | <fieldset> <legend> ... </legend> ... </fieldset> |
| <figure> | Represents any content that is referenced from the main content, usually with a caption. | <figure> <figcaption> ... </figcaption> </figure> |
| <figcaption> | Represents a caption or legend for a <figure> element. | <figcaption> ... </figcaption> |
| <header> | Represents the header of a section or page. | <header> ... </header> |
| <mark> | Represents text that has been highlighted or marked. | <mark> ... </mark> |
| <meter> | Represents a scalar measurement within a known range. | <meter value="50" min="0" max="100">50%</meter> |
| <nav> | Represents a navigation menu. | <nav> ... </nav> |
| <noscript> | Provides alternate content to be displayed if a script is not supported or enabled. | <noscript> ... </noscript> |
| <output> | Represents the result of a calculation or user action. | <output for="formID"> ... </output> |
| <rp> | Provides parentheses around the text in a ruby annotation. | <rp> (</rp> <rt>text</rt> <rp>)</rp> |

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| <rt> | Represents the text of a ruby annotation. | <rt>text</rt> |
| <ruby> | Represents a ruby annotation, used for pronunciation or translation. | <ruby> <rb>text</rb> <rp>(</rp> <rt>annotation</rt> <rp>)</rp> </ruby> |
| <section> | Represents a section in a document. | <section> ... </section> |
| <source> | Specifies multiple media resources for media elements like <audio> and <video>. | <video> <source src="movie.mp4" type="video/mp4"> </video> |
| <summary> | Represents a summary, caption, or legend for a <details> element. | <details> <summary> ... </summary> ... </details> |
| <template> | Defines a template that can be cloned to produce copies of the enclosed content. | <template> ... </template> |
| <time> | Represents a specific period in time. | <time datetime="2023-01-01">January 1, 2023</time> |
| <track> | Specifies text tracks for media elements. | <track src="subtitles_en.vtt" kind="subtitles" srclang="en" label="English"> |
| <wbr> | Represents a word break opportunity, allowing for a line break where needed. | <wbr> |
| Tag | Description | Syntax |
| <abbr> | Represents an abbreviation or acronym, with an optional title attribute for providing the full meaning. | <abbr title="Abbreviation"> ... </abbr> |
| <area> | Defines an area inside an image map, often used for creating clickable regions. | <map name="map1"><area shape="rect" coords="34,44,270,350" |

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| | | href="page.html"></map> |
| <bdi> | Isolates a part of the text that might be formatted in a different direction from the surrounding text. | <bdi> ... </bdi> |
| <bdo> | Overrides the current text direction, useful for languages like Arabic or Hebrew. | <bdo dir="rtl"> ... </bdo> |
| <col> | Specifies column properties for each column within a <colgroup> element. | <col span="2" style="background-color: yellow;"> |
| <datalist> | Provides a list of predefined options to be suggested to the user. | <input list="browsers" name="browser" id="browser"><datalist id="browsers"><option value="Chrome"><option value="Firefox"><option value="Safari"></datalist> |
| | Represents deleted text, typically displayed with a strikethrough. | ... |
| <dfn> | Represents the defining instance of a term, often with a title attribute for additional information. | <dfn title="Definition"> ... </dfn> |
| <dialog> | Defines a dialog or popup box, often used for modal dialogs. | <dialog open>This is a dialog window</dialog> |
| <fieldset> | Groups related elements within a form and provides a legend for the group. | <fieldset><legend> ... </legend> ... </fieldset> |
| <figcaption> | Represents a caption or legend for a <figure> element. | <figure><figcaption>Caption text</figcaption></figure> |
| <footer> | Represents the footer of a section or page. | <footer> ... </footer> |
| <header> | Represents the header of a section or page. | <header> ... </header> |

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| <ins> | Represents inserted text, typically displayed with an underline. | <ins> ... </ins> |
| <kbd> | Represents user input, often for keyboard input. | <kbd> ... </kbd> |
| <main> | Represents the main content of the document. | <main> ... </main> |
| <map> | Defines an image map, often used with <area> elements to create clickable regions. | <map name="map1"><area shape="rect" coords="34,44,270,350" href="page.html"></map > |
| <mark> | Represents text that is marked or highlighted. | <mark> ... </mark> |
| <nav> | Represents a navigation menu. | <nav> ... </nav> |
| <output> | Represents the result of a calculation or user action. | <output for="calculation"> ... </output> |
| <picture> | Provides multiple sources for an image based on different conditions. | <picture><source srcset="image.jpg" media="(min-width: 800px)"></pictur e> |
| <ruby> | Represents a ruby annotation, used for pronunciation or translation. | <ruby><rb>text</rb><rp >(</rp><rt>annotation</ rt><rp></rp></ruby> |
| <samp> | Represents sample output from a program or computer code. | <samp> ... </samp> |
| <small> | Represents smaller text, often used for disclaimers or fine print. | <small> ... </small> |
| | Represents strong importance, typically displayed as bold. | ... |
| <sub> | Represents subscript text. | _{...} |
| <sup> | Represents superscript text. | ^{...} |

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| <template> | Defines a template that can be cloned to produce copies of the enclosed content. | <template> ... </template> |
| <time> | Represents a specific period in time. | <time datetime="2023-01-01">January 1, 2023</time> |
| <var> | Represents the name of a variable in programming or mathematics. | <var> ... </var> |
| <wbr> | Represents a word break opportunity, allowing for a line break where needed. | <wbr> |
| Tag | Description | Syntax |
| <bdi> | Isolates a part of the text that might be formatted in a different direction from the surrounding text. | <bdi> ... </bdi> |
| <bdo> | Overrides the current text direction, useful for languages like Arabic or Hebrew. | <bdo dir="rtl"> ... </bdo> |
| <blockquote> | Represents a block of text that is a quotation from another source. | <blockquote> ... </blockquote> |
| <canvas> | Provides a space in which JavaScript can be used to draw graphics. | <canvas width="200" height="100"></canvas> |
| <caption> | Represents the title of a table. | <caption> ... </caption> |
| <cite> | Represents the title of a creative work, such as a book or movie. | <cite> ... </cite> |
| <code> | Represents a piece of computer code. | <code> ... </code> |
| <col> | Specifies column properties for each column within a <colgroup> element. | <col span="2" style="background-color: yellow;"> |
| <colgroup> | Specifies a group of one or more columns in a table for formatting. | <colgroup> <col span="2"> </colgroup> |

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| <code><data></code> | Associates a piece of content with a machine-readable value. | <code><p>The population of City</sp an> is 123,456.</p></code> |
| <code><details></code> | Represents a disclosure widget from which the user can obtain additional information or controls. | <code><details open><summary>More Info</summary>Details here.</details></code> |
| <code><figcaption></code> | Represents a caption or legend for a <code><figure></code> element. | <code><figcaption> ... </figcaption></code> |
| <code><figure></code> | Represents any content that is referenced from the main content, usually with a caption. | <code><figure> <figcaption> ... </figcaption> </figure></code> |
| <code><mark></code> | Represents text that has been highlighted or marked. | <code><mark> ... </mark></code> |
| <code><menu></code> | Represents a list of commands, often used for context menus. | <code><menu type="context"><menuite m label="Item 1" onclick="doSomething()"> </menuitem></menu></code> |
| <code><nav></code> | Represents a navigation menu. | <code><nav> ... </nav></code> |
| <code><output></code> | Represents the result of a calculation or user action. | <code><output for="formID"> ... </output></code> |
| <code><progress></code> | Represents the progress of a task, such as the completion of a form. | <code><progress value="50" max="100">50%</progre ss></code> |
| <code><ruby></code> | Represents a ruby annotation, used for pronunciation or translation. | <code><ruby> <rb>text</rb> <rp>(</rp> <rt>annotation</rt> <rp>)</rp> </ruby></code> |
| <code><samp></code> | Represents sample output from a program or computer code. | <code><samp> ... </samp></code> |
| <code><small></code> | Represents smaller text, often used for disclaimers or fine print. | <code><small> ... </small></code> |

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| <source> | Specifies multiple media resources for media elements like <audio> and <video>. | <video> <source src="movie.mp4" type="video/mp4"> </video> |
| | An inline container often used for applying styles to text. | ... |
| | Represents strong importance, typically displayed as bold. | ... |
| <sub> | Represents subscript text. | _{...} |
| <summary> | Represents a summary, caption, or legend for a <details> element. | <details><summary> ... </summary>Details here.</details> |
| <sup> | Represents superscript text. | ^{...} |
| <time> | Represents a specific period in time. | <time datetime="2023-01-01">January 1, 2023</time> |
| <track> | Specifies text tracks for media elements. | <track src="subtitles_en.vtt" kind="subtitles" srclang="en" label="English"> |
| <var> | Represents the name of a variable in programming or mathematics. | <var> ... </var> |
| <wbr> | Represents a word break opportunity, allowing for a line break where needed. | <wbr> |
| Tag | Description | Syntax |
| <abbr> | Represents an abbreviation or acronym, with an optional title attribute for providing the full meaning. | <abbr title="Abbreviation"> ... </abbr> |
| <address> | Represents contact information for the author or owner of a document. | <address> ... </address> |

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| <code><article></code> | Represents an independent piece of content that could be distributed and reused. | <code><article> ... </article></code> |
| <code><aside></code> | Represents content that is tangentially related to the content around it, such as a sidebar. | <code><aside> ... </aside></code> |
| <code><bdi></code> | Isolates a part of the text that might be formatted in a different direction from the surrounding text. | <code><bdi> ... </bdi></code> |
| <code><bdo></code> | Overrides the current text direction, useful for languages like Arabic or Hebrew. | <code><bdo dir="rtl"> ... </bdo></code> |
| <code><blockquote></code> | Represents a block of text that is a quotation from another source. | <code><blockquote> ... </blockquote></code> |
| <code><button></code> | Represents a clickable button, often used in forms. | <code><button type="button">Click me</button></code> |
| <code><canvas></code> | Provides a space in which JavaScript can be used to draw graphics. | <code><canvas width="200" height="100"></canvas></code> |
| <code><cite></code> | Represents the title of a creative work, such as a book or movie. | <code><cite> ... </cite></code> |
| <code><code></code> | Represents a piece of computer code. | <code><code> ... </code></code> |
| <code><colgroup></code> | Specifies a group of one or more columns in a table for formatting. | <code><colgroup> <col span="2"> </colgroup></code> |
| <code><datalist></code> | Provides a list of predefined options to be suggested to the user. | <code><input list="browsers" name="browser" id="browser"> <datalist id="browsers"> <option value="Chrome"> <option value="Firefox"> <option value="Safari"> </datalist></code> |
| <code><details></code> | Represents a disclosure widget from which the user can obtain additional information or controls. | <code><details open> <summary>More Info</summary>Details here.</details></code> |

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| <code><dfn></code> | Represents the defining instance of a term, often with a title attribute for additional information. | <code><dfn title="Definition"> ... </dfn></code> |
| <code><dialog></code> | Defines a dialog or popup box, often used for modal dialogs. | <code><dialog open>This is a dialog window</dialog></code> |
| <code><figcaption></code> | Represents a caption or legend for a <code><figure></code> element. | <code><figcaption> ... </figcaption></code> |
| <code><figure></code> | Represents any content that is referenced from the main content, usually with a caption. | <code><figure> <figcaption> ... </figcaption> </figure></code> |
| <code><footer></code> | Represents the footer of a section or page. | <code><footer> ... </footer></code> |
| <code><header></code> | Represents the header of a section or page. | <code><header> ... </header></code> |
| <code><hgroup></code> | Groups a set of <code><h1></code> to <code><h6></code> elements when they are part of a multi-level heading. | <code><hgroup><h1>Heading</ h1><h2>Subheading</h2 ></hgroup></code> |
| <code><ins></code> | Represents inserted text, typically displayed with an underline. | <code><ins> ... </ins></code> |
| <code><kbd></code> | Represents user input, often for keyboard input. | <code><kbd> ... </kbd></code> |
| <code><label></code> | Represents a label for an <code><input></code> , <code><select></code> , or <code><textarea></code> element. | <code><label for="username">Usernam e:</label><input type="text" id="username" name="username"></code> |
| <code><legend></code> | Represents a caption or title for the content of a <code><fieldset></code> . | <code><fieldset><legend> ... </legend> ... </fieldset></code> |
| <code><main></code> | Represents the main content of the document. | <code><main> ... </main></code> |
| <code><mark></code> | Represents text that has been highlighted or marked. | <code><mark> ... </mark></code> |
| <code><meter></code> | Represents a scalar measurement within a known range. | <code><meter value="50" max="100">50%</meter ></code> |

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| <code><nav></code> | Represents a navigation menu. | <code><nav> ... </nav></code> |
| <code><noscript></code> | Provides alternate content to be displayed if a script is not supported or enabled. | <code><noscript> ... </noscript></code> |
| <code><object></code> | Represents an external resource, such as an image, video, or plugin. | <code><object data="example.mp3" type="audio/mp3" width="300" height="200">Your browser does not support the audio element.</object></code> |
| <code><optgroup></code> | Groups related <code><option></code> elements within a <code><select></code> dropdown. | <code><select name="cars"><optgroup label="European Cars"><option value="volvo">Volvo</option></optgroup></select></code> |
| <code><output></code> | Represents the result of a calculation or user action. | <code><output for="calculation"> ... </output></code> |
| <code><picture></code> | Provides multiple sources for an image based on different conditions. | <code><picture><source srcset="image.jpg" media="(min-width: 800px)"></picture></code> |
| <code><pre></code> | Represents preformatted text, preserving both spaces and line breaks. | <code><pre> ... </pre></code> |
| <code><progress></code> | Represents the progress of a task, such as the completion of a form. | <code><progress value="50" max="100">50%</progress></code> |
| <code><q></code> | Represents a short inline quotation. | <code><q> ... </q></code> |
| <code><rp></code> | Provides parentheses around the text in a ruby annotation. | <code><rp></rp><rt>text</rt><rp></rp></code> |
| <code><rt></code> | Represents the text of a ruby annotation. | <code><rt>text</rt></code> |

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| <ruby> | Represents a ruby annotation, used for pronunciation or translation. | <ruby><rb>text</rb><rp>(</rp><rt>annotation</rt><rp>)</rp></ruby> |
| <samp> | Represents sample output from a program or computer code. | <samp> ... </samp> |
| <section> | Represents a section in a document. | <section> ... </section> |
| <select> | Represents a dropdown list. | <select name="cars"><option value="volvo">Volvo</option></select> |
| <small> | Represents smaller text, often used for disclaimers or fine print. | <small> ... </small> |
| <source> | Specifies multiple media resources for media elements like <audio> and <video>. | <video><source src="movie.mp4" type="video/mp4"></video> |
| | Represents strong importance, typically displayed as bold. | ... |
| <sub> | Represents subscript text. | _{...} |
| <summary> | Represents a summary, caption, or legend for a <details> element. | <details><summary> ... </summary>Details here.</details> |
| <sup> | Represents superscript text. | ^{...} |
| <svg> | Embeds Scalable Vector Graphics (SVG) into the document. | <svg width="100" height="100"> ... </svg> |
| <template> | Defines a template that can be cloned to produce copies of the enclosed content. | <template> ... </template> |
| <textarea> | Represents a multiline text input field. | <textarea rows="4" cols="50"> ... </textarea> |

| | | |
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| <time> | Represents a specific period in time. | <time datetime="2023-01-01">January 1, 2023</time> |
| <track> | Specifies text tracks for media elements. | <track src="subtitles_en.vtt" kind="subtitles" srclang="en" label="English"> |
| <u> | Represents underlined text (though not recommended for general use). | <u> ... </u> |
| <var> | Represents the name of a variable in programming or mathematics. | <var> ... </var> |
| <video> | Embeds video content. | <video width="320" height="240" controls><source src="movie.mp4" type="video/mp4">Your browser does not support the video tag.</video> |
| <wbr> | Represents a word break opportunity, allowing for a line break where needed. | <wbr> |