

✨ Ultimate HTML Cheat Sheet ✨

🏗️ Basic Document Structure

```
<!DOCTYPE html>

<html>

  <head>

    <title>My Page Title</title>

  </head>

  <body>

    <!-- All visible content goes here -->

  </body>

</html>
```

💬 HTML Comments

- <!-- This is a comment. It won't show up on the webpage. -->

✍️ Text Formatting Tags

Tag	Purpose	Example
<code><h1></code> to <code><h6></code>	Headings	<code><h1>Main Title</h1></code>
<code><p></code>	Paragraph	<code><p>This is a paragraph.</p></code>
<code>
</code>	Line break	Line 1 <code>
</code> Line 2
<code><hr></code>	Horizontal rule	<code><hr></code>
<code></code>	Bold text (important)	<code>Important</code>
<code></code>	Italic text (emphasis)	<code>Emphasized</code>
<code><mark></code>	Highlight text	<code><mark>Highlight</mark></code>
<code><small></code>	Small text	<code><small>Fine print</small></code>
<code><sup></code> / <code><sub></code>	Super/subscript	<code>x<sup>2</sup></code>
<code><blockquote></code>	Quotation	<code><blockquote>Quote here</blockquote></code>

Link & Media Tags

Tag	Purpose	Example
<code><a></code>	Hyperlink	<code>Visit</code>
<code>target="_blank"</code>	Open in new tab	<code>Link</code>
<code></code>	Image	<code></code>
<code><video></code>	Video player	<code><video src="vid.mp4" controls></video></code>
<code><audio></code>	Audio player	<code><audio src="audio.mp3" controls></audio></code>
<code><source></code>	Used in <code><video></code> / <code><audio></code>	<code><source src="file.mp4"></code>

List Tags

Tag	Purpose	Example
<code></code>	Unordered list	<code>Item</code>
<code></code>	Ordered list	<code>Item</code>
<code></code>	List item	<code>Thing</code>
<code><dl></code>	Description list	<code><dl><dt>Term</dt><dd>Definition</dd></dl></code>
<code><dt> / <dd></code>	Term / Definition	See above

Tag	Purpose	Example
<code><table></code>	Table container	<code><table>...</table></code>
<code><thead></code> , <code><tbody></code> , <code><tfoot></code>	Table sections	<code><thead>...</thead></code>
<code><tr></code>	Table row	<code><tr>...</tr></code>
<code><td></code>	Table data cell	<code><td>Info</td></code>
<code><th></code>	Table header	<code><th>Header</th></code>
<code><caption></code>	Table title	<code><caption>Grades</caption></code>



Form Tags

Tag	Purpose	Example
<code><form></code>	Form wrapper	<code><form>...</form></code>
<code><input></code>	Input field	<code><input type="text"></code>
<code><label></code>	Label for input	<code><label for="name">Name</label></code>
<code><textarea></code>	Multi-line text input	<code><textarea></textarea></code>
<code><select> / <option></code>	Dropdown menu	<code><select><option>Pick</option></select></code>
<code><button></code>	Button	<code><button>Submit</button></code>
<code><fieldset> / <legend></code>	Group inputs	<code><fieldset><legend>Info</legend></fieldset></code>

Semantic Tags (HTML5)

Tag	Purpose	Example
<code><header></code>	Top of page/section	<code><header><h1>Site</h1></header></code>
<code><nav></code>	Navigation bar	<code><nav>Home</nav></code>
<code><main></code>	Main content area	<code><main>...</main></code>
<code><section></code>	Logical content group	<code><section>...</section></code>
<code><article></code>	Self-contained content	<code><article>Post</article></code>
<code><aside></code>	Sidebar/extra info	<code><aside>Bonus fact</aside></code>
<code><footer></code>	Bottom of page	<code><footer>© 2025</footer></code>
<code><figure> / <figcaption></code>	Image + caption	<code><figure><figcaption>Caption</figcaption></figure></code>

❄️ Deprecated or Less Common Tags

Use only if you enjoy chaos. | Tag | Purpose | Example | |-----|-----|-----| |
<center> | Center content (*no longer valid*) | <center>Don't</center> | |
 | Style text (*deprecated*) | Nope | |
<marquee> | Scrolling text | <marquee>Don't do this</marquee> | | , <i> | Bold/Italic (*non-semantic*) | Use , instead | | <u> | Underline (*questionable*) | <u>If you must</u> |

🔧 Common Attributes

Attribute	Use	Example
class	Targets multiple elements in CSS	<div class="box">
id	Unique identifier	<section id="hero">
src	Media/file source	
alt	Image description	
href	Link destination	
type	Input or button type	<input type="email">
value	Default value	<input value="Hello">

placeholder	Input hint text	<code><input placeholder="Your name"></code>
target	Open link behavior	<code>target="_blank"</code> (new tab)

Best Practices

- **Close your tags** (even self-closing ones like `<img>`)
 - Use **semantic HTML** for better structure and accessibility
 - Label all form fields with `<label>` for usability
 - Use `alt` on images (for screen readers and SEO)
 - Organize your code: indent, comment, don't be chaotic
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