

HTML Cheat Sheet (Expanded)

Basic Structure

- `<!DOCTYPE html>` → Defines HTML5 document
- `<html lang='en'>...</html>` → Root element with language
- `<head>...</head>` → Metadata section
- `<body>...</body>` → Visible content

Head Section

- `<title>My Page</title>` → Page title (browser tab)
- `<meta charset='UTF-8'>` → Character encoding
- `<link rel='stylesheet' href='style.css'>` → External CSS
- `<script src='app.js'></script>` → External JS

Meta Tags

- `<meta name='description' content='Short page description'>` → SEO description
- `<meta name='keywords' content='HTML, cheat sheet, beginner'>` → SEO keywords (less used today)
- `<meta name='author' content='Your Name'>` → Author info
- `<meta name='viewport' content='width=device-width, initial-scale=1.0'>` → Mobile responsiveness
- `<meta http-equiv='refresh' content='30'>` → Refresh page every 30s
- `<meta name='robots' content='index, follow'>` → Search engine crawling

Text & Headings

- `<h1>Heading</h1>` → Main heading (Example: Hello)
- `<p>Paragraph</p>` → Text block (Example: This is text)
- `
` → Line break (Example: Line1
Line2)
- `<hr>` → Horizontal line (Example: Above<hr>Below)
- `<blockquote>Quote</blockquote>` → Quoted text
- `<pre>Preformatted text</pre>` → Keeps spaces/line breaks
- `<code>code</code>` → Inline code (Example: `let x=5;`)

Formatting

- `Bold` → Bold (Example: **Bold**)
- `Italic` → Italic (Example: *Italic*)
- `<mark>Highlight</mark>` → Highlighted
- Subscript: `H₂O` → H₂O
- Superscript: `x²` → x²
- `<u>Underline</u>` → Underlined text
- `<small>Small</small>` → Smaller text
- `Deleted` → Strikethrough
- `<ins>Inserted</ins>` → Underlined insert

Links & Media

- `Link` → Opens in new tab
- `` → Image with size
- `<video controls autoplay loop><source src='movie.mp4' type='video/mp4'></video>` → Video
- `<audio controls loop><source src='song.mp3' type='audio/mpeg'></audio>` → Audio
- `<figure><figcaption>Caption</figcaption></figure>` → Image with caption

Lists

- Unordered: `OneTwo` → • One • Two
- Ordered: `OneTwo` → 1. One 2. Two
- Definition: `<dl><dt>Term</dt><dd>Definition</dd></dl>`
- `<ol type='A'>Item` → A. Item

Tables

- `<table><tr><th>H1</th><th>H2</th></tr><tr><td>A</td><td>B</td></tr></table>`
- Attributes: `colspan`, `rowspan` (Example: `<td colspan='2'>Merged</td>`)

Forms

- `<form><input type='text'></form>` → Text input
- Other types: `<input type='email'>`, `<input type='password'>`, `<input type='date'>`, `<input type='number'>`, `<input type='checkbox'>`, `<input type='radio'>`
- `<textarea rows='4' cols='30'>...</textarea>` → Multi-line input
- `<select><option>A</option><option>B</option></select>` → Dropdown
- `<label for='name'>Name:</label><input id='name' type='text'>` → Labelled input

- `<button type='submit'>Send</button>` → Button

Semantic Elements

- `<header>` → Page/section header
- `<nav>` → Navigation bar
- `<main>` → Main content area
- `<section>` → Thematic section
- `<article>` → Independent article
- `<aside>` → Sidebar info
- `<footer>` → Page footer
- `<details><summary>Click me</summary>Extra text</details>` → Expandable
- `<time datetime='2025-09-19'>Sept 19, 2025</time>` → Machine-readable date

Containers & Attributes

- `<div>` → Block container
- `` → Inline container
- Global attributes: `id`, `class`, `style`, `title`
- Example: `<p id='intro' class='text' style='color:red;' title='tooltip'>Hello</p>`