

# Advanced HTML Cheatsheet

A comprehensive guide for advanced learners

## Table of Contents

- [HTML Document Structure](#)
- [TextFormatting Tags](#)
- [Links and Anchors](#)
- [Images](#)
- [Lists](#)
- [Tables](#)
- [Forms](#)
- [Semantic Elements](#)
- [Media Embedding](#)
- [Global Attributes](#)
- [Events\(Basic\)](#)
- [Character Entities](#)
- [Top Resources to Learn HTML](#)

## 1. HTML Document Structure

Tags `<!DOCTYPE>`, `<html>`, `<head>`, `<title>`, `<body>`

```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
  </head>
  <body>
    <h1>This is a Heading</h1>
    <p>This is a paragraph</p>
  </body>
</html>
```

## 2. Text Formatting Tags

Tags `<h1>` to `<h6>`, `<p>`, `<strong>`, `<em>`, `<u>`, `<br>`, `<hr>`

```
<h1>Heading 1</h1>
<p>This is a <strong>strong</strong> and <em>emphasized</em> text.</p>
<p>This is an <u>underlined</u> text.</p>
<br>
<hr>
```

## 3. Links and Anchors

Tag `<a href="">`

Attributes: `target` `title`

```
<a href="https://example.com" target="_blank" title="Example">Visit Example</a>
```

## 4. Images

Tag `<img src="" alt="">`

Attributes: `width` `height` `loading="lazy"`

```

```

## 5. Lists

Tags `<ul>`, `<ol>`, `<li>`, `<dl>`, `<dt>`, `<dd>`

```
<ul>
  <li>Item 1</li>
  <li>Item 2</li>
</ul>
<ol>
  <li>First</li>
  <li>Second</li>
</ol>
```

## 6. Tables

Tags `<table>`, `<tr>`, `<td>`, `<th>`, `<caption>`

Attributes: `colspan` `rowspan`

```
<table>
  <caption>Sample Table</caption>
  <tr>
    <th>Header 1</th>
    <th>Header 2</th>
  </tr>
  <tr>
    <td>Data 1</td>
    <td>Data 2</td>
  </tr>
</table>
```

## 7. Forms

Tags `<form>`, `<input>`, `<label>`, `<textarea>`, `<select>`, `<option>`, `<button>`

Input types: `text` `email` `checkbox` `radio` `submit`

```
<form>
  <label for="name">Name:</label>
  <input type="text" id="name" name="name">
  <button type="submit">Submit</button>
</form>
```

## 8. Semantic Elements

Tags `<header>`, `<footer>`, `<nav>`, `<main>`, `<article>`, `<section>`, `<aside>`

```
<header>Header Content</header>
<main>
  <article>Article Content</article>
</main>
<footer>Footer Content</footer>
```

## 9. Media Embedding

Tags `<audio>`, `<video>`, `<source>`, `<iframe>`

```
<iframe width="560" height="315" src="https://www.youtube.com/embed/dQw4w9WgXcQ" frameborder="0" allowfull>
```

## 10. Global Attributes

Attributes: `id` `class` `style` `title` `hidden` `data-*`

```
<div id="uniqueId" class="myClass" style="color: red;" title="Tooltip">Content</div>
```

## 11. Events (Basic)

Common: `onclick` `onchange` `onmouseover` `onkeydown`

```
<button onclick="alert('Button clicked ')">Click Me</button>
```

## 12. Character Entities

```
&lt; &gt; &copy; &nbsp; &amp;
```

## Top Resources to Learn HTML

- [MDN Web Docs](#)
- [W3Schools](#)
- [FreeCodeCamp](#)