



HTML and HTML5 Elements Cheat Sheet

Element

Description

Example

<!DOCTYPE html>

All HTML documents must start with this declaration. It tells the browser what document type to expect. Note that this element has no ending tag.

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1.  
2.  
3. <!DOCTYPE html>  
4. <html>  
5.     <head>  
6.         <title>Document Title</title>  
7.     </head>  
8.     <body>  
9.         Document body here  
10.    </body>  
11. </html>

Copied!

<a href= "path">

This tag, called an "anchor tag" creates hyperlinks using the href attribute. In place of **path** enter the URL or path name to the page you want to link to.

<a href="https://www.ibm.com">IBM</a>

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<article>

Identifies a self-contained piece of content that could be distributed to other websites and platforms as a stand- alone unit. Similar to <div> tag in that it does not render as anything special in the browser unless it is styled with CSS.

1. <article class="CSS-Style-Reference">  
2. <h2>HTML</h2>  
3. <p>HTML stands for Hypertext Markup Language.  
4. It is a standardized system for tagging text files to display specific  
5. font, color, graphics, and hyperlinks on World Wide Web pages.</p>  
6. </article>

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<aside>

Defines some content aside from the content it is placed in. Similar to <div> tag in that it does not render as anything special in the browser unless it is styled with CSS.

1. <aside>  
2. Use the aside tag to represent a section of a page that consists  
3. of content tangentially related to the content.  
4. </aside>

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<body>

Contains the contents of the HTML document. It should contain all other tags besides the <head> element to display the body of the document.

1. <!DOCTYPE html>  
2. <html>  
3. <head>  
4. <title>Document Title</title>  
5. </head>  
6. <body>  
7. Document body here  
8. </body>  
9. </html>

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<div>

Often used to separate sections in the body of a document in order to style that content with CSS.

1. <div>  
2. This element has no particular semantic meaning but is often used  
3. in conjunction with CSS for styling purposes.  
4. </div>

**<fieldset>** Groups related elements in a form and puts a box around them.

**<figcaption>** Used in conjunction with the <figure> tag to mark up an image.

**<figure>** Used to mark up an image in conjunction with the <figcaption> tag.

**<footer>** Contains a footer of a document and often contains information such as authoring, copyright info, contact info, sitemap, and related documents.

**<form>** Creates an HTML form for user input.

**<h1>** Adds a level 1 heading to the HTML document.

**<head>** Contains metadata and should be placed after the <html> tag and before the <body> tag.

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1. <form action= "/script.php">
2. <fieldset>
3. <legend>User:</legend>
4. <label for="fname">First name:</label>
5. <input type="text" id="fname" name="fname"><br><br>
6. <label for="lname">Last name:</label>
7. <input type="text" id="lname" name="lname"><br><br>
8. <input type="submit" value="Submit">
9. </fieldset>
10. </form>
```

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1. <figure>
2. 
3. <figcaption>Fig.1 - Durham, NC</figcaption>
4. </figure>
5.
```

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1. <figure>
2. 
3. <figcaption>Fig.1 - Durham, NC</figcaption>
4. </figure>
5.
```

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1. <footer>
2. <p>Author: Christopher Moore</p>
3. </footer>
4. <form action="/script.php">
```

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1. <form action="/script.php">
2. <fieldset>
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4. <label for= "fname">First name:</label>
5. <input type="text" id="fname" name="fname"><br><br>
6. <label for= "lname">Last name:</label>
7. <input type="text" id="lname" name="lname"><br><br>
8. <input type="submit" value="Submit">
9. </fieldset>
10. </form>
```

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```
<h1>Thomas J. Watson</h1>

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```

**<header>** A container for introductory content such as heading elements, logo, or authoring information.

**<html>** The root element of an HTML document. All other tags in the document should be contained in this tag.

**** This tag is used to place an img. In place of path insert a URL or a relative file path to the image location. Other optional attributes include width and height of the image in pixels.

**<input type="?">** Specifies an input field on a form with the type attribute. Common input types include: "color," "date," "datetime- local," "email," "number," "range," "search," "url," "tel," "datalist," "select," "text," "option," and "placeholder."

**<li>** Element that creates bulleted line items in an ordered or unordered list. Should be used in conjunction with the <ul> or <ol> tags.

7. 7  
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```
1. <!DOCTYPE html>  
2. <html>  
3. <head>  
4. <title>Document Title</title>  
5. </head>  
6. <body>  
7. Document body here  
8. </body>  
9. </html>
```

Copied!

1. 1  
2. 2  
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```
1. <header>  
2. <h1>Header tag example</h1>  
3. <p>It works as a container for introductory content such as heading elements, logo, or authoring information.</p>  
4. <p>Author: Christopher Moore</p>  
5. </header>
```

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1. 1  
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4. 4  
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7. 7  
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9. 9

```
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2. <html>  
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4. <title>Document Title</title>  
5. </head>  
6. <body>  
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9. </html>
```

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1. 
```

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9. 9  
10. 10

```
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4. <label for="fname">First name:</label>  
5. <input type="text" id="fname" name="fname"><br><br>  
6. <label for="lname">Last name:</label>  
7. <input type="text" id="lname" name="lname"><br><br>  
8. <input type="submit" value="Submit">  
9. </fieldset>  
10. </form>
```

Copied!

1. 1  
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5. 5

```
1. <ul>  
2. <li>Bullet point 1</li>  
3. <li>Bullet point 2</li>  
4. </ul>
```

<link>	Used to link a CSS document to an HTML document.
<meta>	Used to provide metadata about the HTML document.
<nav>	Used to define a set of navigational elements.
<ol>	Element that creates an ordered list using numbers. Should be used in conjunction with the <li> tag.
<p>	This tag is used to identify a paragraph. It places a line break after the text it is enclosed in.
<script>	Used to embed Javascript in an HTML document.
<section>	Defines an important section of a document. Can be used within headers and footers as well.
<style>	Used to apply simple CSS to an HTML document.

5.

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1. 1

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1. <head>

2. <link rel="stylesheet" href="styles.css">

3. </head>

4.

Copied!

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4. 4

1. <head>

2. <meta name="author" content="Christopher Moore">

3. </head>

4.

Copied!

1. 1

2. 2

3. 3

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6. 6

1. <nav>

2. <a href="home.html">Home</a>

3. <a href="page1.html">Page 1</a>

4. <a href="page2.html">Page 2</a>

5. </nav>

6.

Copied!

1. 1

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1. <ol>

2. <li>Numbered bullet point 1</li>

3. <li>Numbered bullet point 2</li>

4. </ol>

Copied!

1. 1

2. 2

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1. <p>Thomas J. Watson, Sr. is the American

2. industrialist, who built the International Business

3. Machines Corporation (IBM) into the largest

4. manufacturer of electric typewriters and data processing equipment in the world. </p>

Copied!

1. 1

2. 2

3. 3

1. <script>

2. alert("Hello World");

3. </script>

Copied!

1. 1

2. 2

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5. 5

6. 6

1. <section>

2. <h2>Introduction</h2>

3. <p>This document provides some examples of how to

4. use a variety of HTML elements</p>

5. </section>

6.

Copied!

1. 1

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<table>

This tag is used to denote a table. Should be used with <tr> (defines a table row) and <td> (defines a table cell within a row) tags. The <th> tag can also be used to define the table header row.

<td>

Denotes a cell within a row, within a table.

<th>

Denotes the header cells within a row within a table.

```
7. 7
8. 8
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1. <head>
2. <style>
3. p {color:red}
4. </style>
5. </head>
6. <body>
7. <p>This paragraph will be red because I've styled
8. the paragraph tag with CSS.</p>
9. </body>
```

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5. 5
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8. 8
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13. 13

1. <table>
2. <tr>
3. <th>Header cell 1</th>
4. <th>Header cell 2</th></tr>
5. <tr>
6. <td>First row first cell</td>
7. <td>First row second cell</td>
8. </tr>
9. <tr>
10. <td>Second row first cell</td>
11. <td>Second row second cell</td>
12. </tr>
13. </table>
```

Copied!

```
1. 1
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4. 4
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7. 7
8. 8
9. 9
10. 10
11. 11
12. 12
13. 13
14. 14

1. <table>
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7. <td>First row first cell</td>
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9. </tr>
10. <tr>
11. <td>Second row first cell</td>
12. <td>Second row second cell</td>
13. </tr>
14. </table>
```

Copied!

```
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8. 8
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10. 10
11. 11
12. 12
13. 13
14. 14

1. <table>
2. <tr>
3. <th>Header cell 1</th>
4. <th>Header cell 2</th>
```

**<title>** Defines the title of the HTML document displayed in the browser’s title bar and tabs. It is required in all HTML documents. It should be contained in the <head> tag.

**<tr>** Denotes a row within a table.

**<ul>** Element that creates an unordered list using bullets. Should be used in conjunction with the <li> tag.

Changelog

Date	Version	Changed by	Change Description
21-10-2022	1.0	Samaah	Initial version created
24-10-2022	1.1	Michelle Saltoun	Minor edits

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```
5. </tr>
6. <tr>
7. <td>First row first cell</td>
8. <td>First row second cell</td>
9. </tr>
10. <tr>
11. <td>Second row first cell</td>
12. <td>Second row second cell</td>
13. </tr>
14. </table>
```

Copied!

- 1. 1
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- 8. 8
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- 6. 6
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- 9. 9
- 10. 10
- 11. 11
- 12. 12
- 13. 13
- 14. 14

```
1. <table>
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```

Copied!

- 1. 1
- 2. 2
- 3. 3
- 4. 4
- 5. 5

```
1. <ul>
2. <li>Bullet point 1</li>
3. <li>Bullet point 2</li>
4. </ul>
5.
```

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