

What is Text Formatting?

Text formatting in HTML refers to the process of using various HTML tags to modify the appearance and structure of text on a webpage. These tags can make text bold, italic, underlined, highlighted, or styled in other ways to convey emphasis, structure, or visual hierarchy. Text formatting helps improve readability, accessibility, and the overall presentation of content on web pages.

Text Formatting

Common Purposes of Text Formatting:

- Emphasize important content (e.g., bold, italic).
- Highlight specific sections (e.g., highlighting or underlining).
- Create a clear structure (e.g., headings, quotes).
- Improve visual clarity (e.g., line breaks, small text).

Text Formatting

**** – Bold Text**

- Makes the text bold without adding semantic importance.

```
<p>This is a <b>bold</b> text example.</p>
```

**** – Important (Bold) Text**

- Adds semantic importance and typically makes the text bold.

```
<p>This is a <strong>strong</strong> text example.</p>
```

Text Formatting

***<i>* – Italic Text**

- Makes the text italicized without semantic emphasis.

```
<p>This is an <i>italicized</i> text example.</p>
```

**** – Emphasized (Italic) Text**

- Adds semantic emphasis and typically renders text in italics.

```
<p>This is an <em>emphasized</em> text example.</p>
```

Text Formatting

<mark> – Marked/Highlighted Text

- Highlights text with a background color, like a highlighter.

```
<p>This is a <mark>highlighted</mark> text example.</p>
```

<small> – Smaller Text

- Displays text in a smaller font size.

```
<p>This is some <small>small</small> text.</p>
```

Text Formatting

*** – Deleted (Strikethrough) Text***

- Represents text that has been deleted, typically with a strikethrough.

```
<p>This is <del>strikethrough</del> text.</p>
```

<ins> – Inserted Text

- Represents text that has been inserted, often underlined.

```
<p>This is <ins>inserted</ins> text.</p>
```

Text Formatting

`<u>` – *Underlined Text*

- Underlines text without semantic meaning.

```
<p>This is an <u>underlined</u> text example.</p>
```

`<sub>` – *Subscript Text*

- Displays text as subscript (lower than the baseline).

```
<p>This is H<sub>2</sub>O (water).</p>
```

Text Formatting

`<code>` – *Code Text*

- Represents inline computer code, often styled in a monospaced font.

```
<p>Use the <code>&lt;div&gt;</code> tag for block-level elements.</p>
```

`<pre>` – *Preformatted Text*

- Preserves both spaces and line breaks in the text as typed.

```
<pre>
This text
is displayed exactly
as written.
</pre>
```

Text Formatting

<blockquote> – *Block Quotation*

- Used for long quotes from another source. Typically indented.

```
<blockquote>
  "This is a block quote from another source."
</blockquote>
```

<q> – *Inline Quotation*

- For short inline quotes. Browsers often add quotation marks automatically.

```
<p>She said, <q>This is a quote</q>.</p>
```

Text Formatting

<abbr> – *Abbreviation*

- Represents an abbreviation or acronym. The full term can be provided using the title attribute.

```
<p>The <abbr title="World Wide Web">WWW</abbr> is vast.</p>
```

<cite> – *Citation*

- Represents a reference to a source or creative work, usually rendered in italics.

```
<p><cite>The Great Gatsby</cite> is a novel by F. Scott Fitzgerald.</p>
```

Text Formatting

<dfn> – Definition Term

- Represents the defining instance of a term, usually italicized.

```
<p>The term <dfn>HTML</dfn> stands for HyperText Markup Language.</p>
```

 – Line Break***

- Inserts a line break (a new line) within text.

```
<p>This is a line break<br>Here's the second line.</p>
```

Text Formatting

<sup> – Superscript Text

- Displays text as superscript (higher than the baseline).

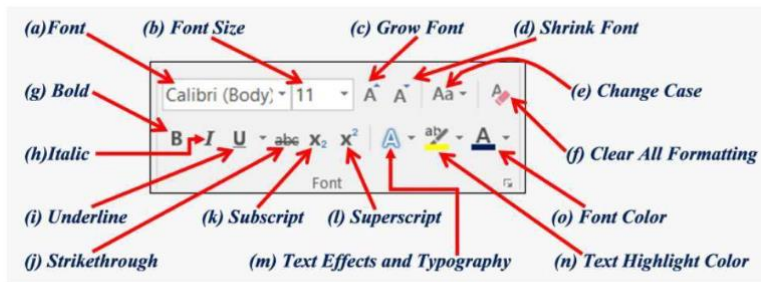
```
<p>Water's chemical formula is H<sub>2</sub>O and E = mc<sup>2</sup>.</p>
```

<hr> – Horizontal Rule

- Inserts a horizontal line, used to separate content.

```
<p>This is the first paragraph.</p>
<hr>
<p>This is the second paragraph.</p>
```

Text Formatting



Note: These tags allow you to format text for structure, presentation, and emphasis, while some also convey semantic meaning important for accessibility and SEO.