

# HTML Attributes

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HTML attributes provide additional information about HTML elements. They are always included in the opening tag of an element and usually come in name/value pairs like name="value".

## Common HTML Attributes

### id

Specifies a unique id for an element.

```
<div id="header"></div>
```

### class

Specifies one or more class names for an element (used for CSS and JavaScript).

```
<p class="intro"></p>
```

### style

Specifies an inline CSS style for an element.

```
<div style="color:blue;"></div>
```

### title

Specifies extra information about an element (displayed as a tooltip).

```
<abbr title="World Health Organization">WHO</abbr>
```

### href

Specifies the URL of a link.

```
<a href="https://www.example.com">Visit Example</a>
```

### src

Specifies the URL of an image.

```

```

### alt

Provides alternative text for an image, if the image cannot be displayed.

```

```

### name

Specifies the name of an element (used for form elements).

```
<input type="text" name="username">
```

### value

Specifies the value of an input element.

```
<input type="text" value="John">
```

### placeholder

Provides a hint that describes the expected value of an input field.

```
<input type="text" placeholder="Enter your name">
```

### disabled

Disables an element.

```
<input type="text" disabled>
```

### readonly

Specifies that an input field is read-only.

```
<input type="text" readonly>
```

### checked

Specifies that an input element should be pre-selected when the page loads (for checkboxes and radio buttons).

```
<input type="checkbox" checked>
```

### target

Specifies where to open the linked document.

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

### rel

Specifies the relationship between the current document and the linked document.

```
<a href="https://www.example.com" rel="noopener">Visit Example</a>
```

### maxlength

Specifies the maximum number of characters allowed in an input field.

```
<input type="text" maxlength="10">
```

### **minlength**

Specifies the minimum number of characters required in an input field.

```
<input type="text" minlength="5">
```

### **pattern**

Specifies a regular expression that the input field's value must match.

```
<input type="text" pattern="[A-Za-z]{3}">
```

### **type**

Specifies the type of an input element.

```
<input type="email">
```

### **data-\* attributes**

Used to store custom data private to the page or application.

```
<div data-user-id="12345"></div>
```

## **Global Attributes**

### **accesskey**

Specifies a shortcut key to activate/focus an element.

```
<button accesskey="s">Submit</button>
```

### **contenteditable**

Specifies whether the content of an element is editable or not.

```
<div contenteditable="true">Edit me</div>
```

### **dir**

Specifies the text direction for the content in an element.

```
<p dir="rtl">This text is right-to-left.</p>
```

### **hidden**

Specifies that an element is not yet, or is no longer, relevant.

```
<div hidden>This won't be visible</div>
```

### **lang**

Specifies the language of the element's content.

```
<p lang="en">Hello</p>
```

### **spellcheck**

Specifies whether the element is to have its spelling and grammar checked or not.

```
<p spellcheck="true">Check my spelling.</p>
```

### **tabindex**

Specifies the tab order of an element.

```
<input type="text" tabindex="1">
```

### **translate**

Specifies whether the content of an element should be translated or not.

```
<p translate="no">This text will not be translated.</p>
```