

## <col> - COLUMN TAG IN HTML

- The <col> tag defines **column functionalities for every column** in a <colgroup> tag.
- The <col> tag is useful for implementing styles to whole columns, instead of copying the styles for every cell and for each row.
- The <col> tag supports **Global Attributes and Event Attributes**.

### Syntax for col tag:

```
<col span="number">
```

### Differences between HTML 4.01 and HTML5 for col tag:

#### HTML 4.01

- align, char, charoff, valign, span, width attributes are supported.

#### HTML5

- align, char, charoff, valign, width attributes not supported in HTML5.



### Sample coding for col tag:

```
<!DOCTYPE html>
<html>
  <body>
    <table border=1>
      <colgroup>
        <col span="1" style="background-color:red">
        <col style="background-color:green">
      </colgroup>
      <tr>
        <th>Firstname</th>
        <th>Lastname</th>
      </tr>
      <tr>
        <td>Wiki</td>
        <td>techy</td>
      </tr>
    </table>
  </body>
</html>
```

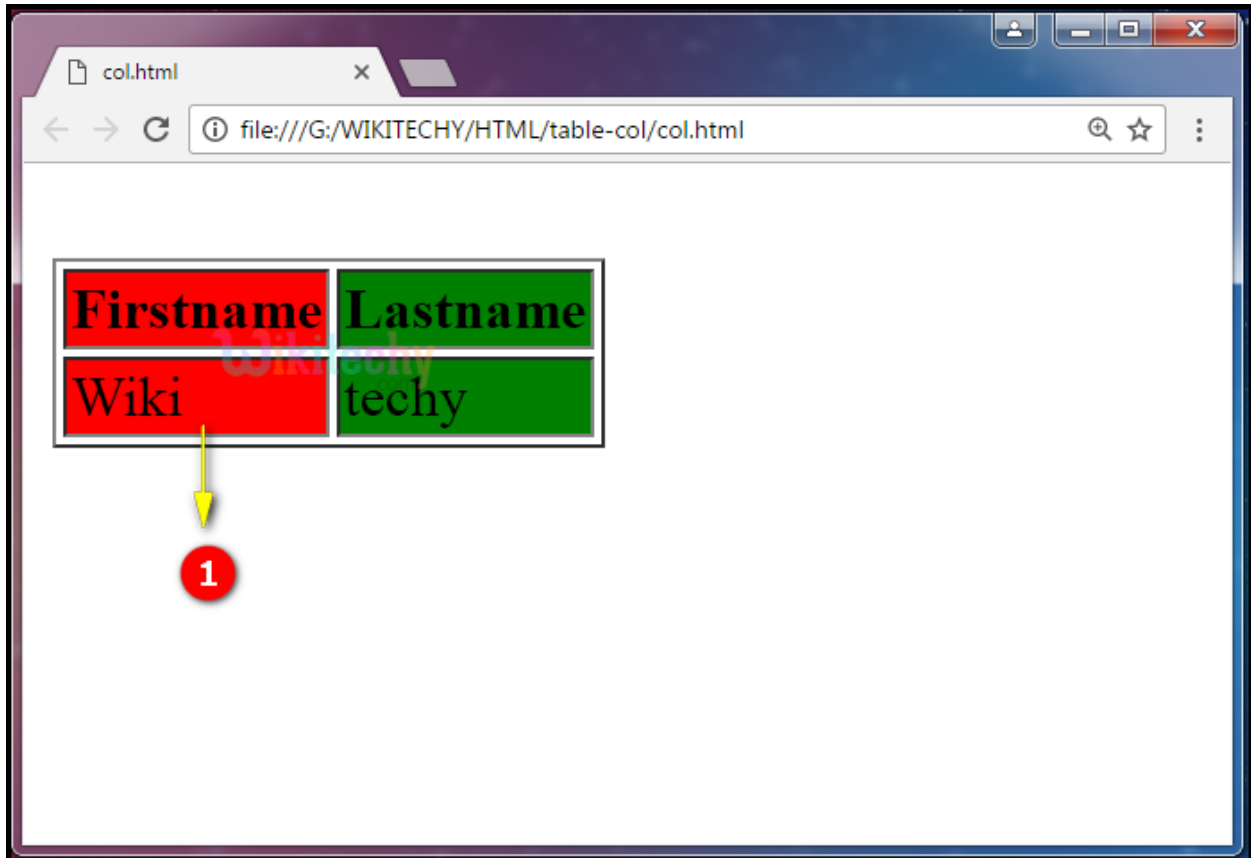


### Code Explanation for col tag:

```
<!DOCTYPE html>
<html>
  <body>
    <table border=1>
      <colgroup>
        <col span="1" style="background-color:red">
        <col style="background-color:green">
      </colgroup>
      <tr>
        <th>Firstname</th>
        <th>Lastname</th>
      </tr>
      <tr>
        <td>Wiki</td>
        <td>techy</td>
      </tr>
    </table>
  </body>
</html>
```

1. The <col> tag is used to specifies a **column functionalities for every column**
2. Span is an attribute, which describes the number of columns. (Here style color **red** is applied for single column with its span property as 1.)

### Sample Output for col tag:



1. Here the output shows the **Red Color** style property for single column has been applied over here whose span property is 1.

Note: Here span property "1" indicates the first column.

### Attributes of <col> tag:

Attributes	Value	HTML 4.0.1	HTML 5	Description
<b>span</b>	number	yes	yes	Defines the number of columns.
<b>align</b>	left right center justify char	yes	no	Provides the alignment of the content.
<b>width</b>	% pixels relative_length	yes	no	Defines the width.
<b>valign</b>	top middle bottom baseline	yes	no	Describes the alignment of the content in vertical.
<b>char</b>	character	yes	no	Defines the content alignment relevant to a character.
<b>charoff</b>	number	yes	no	Provides the number of characters.

### Browser Support for col tag:

Browser	Language Attribute
Chrome	Yes
Internet explorer / Edge	Yes
Firefox	Yes
Safari	Yes
Opera	Yes