

Tables in W3.CSS cont'd**Classes to add more enhanced features to a table**

We may add many more features to a table to enhance its looks like

- We may add features like left align, right align etc to the column of a table.
- We may give different hover color to different rows using
- We may have scrollable table
- We may give various colors to the table rows to make them different or to specify table heading row, etc etc.

Some classes used for this are :

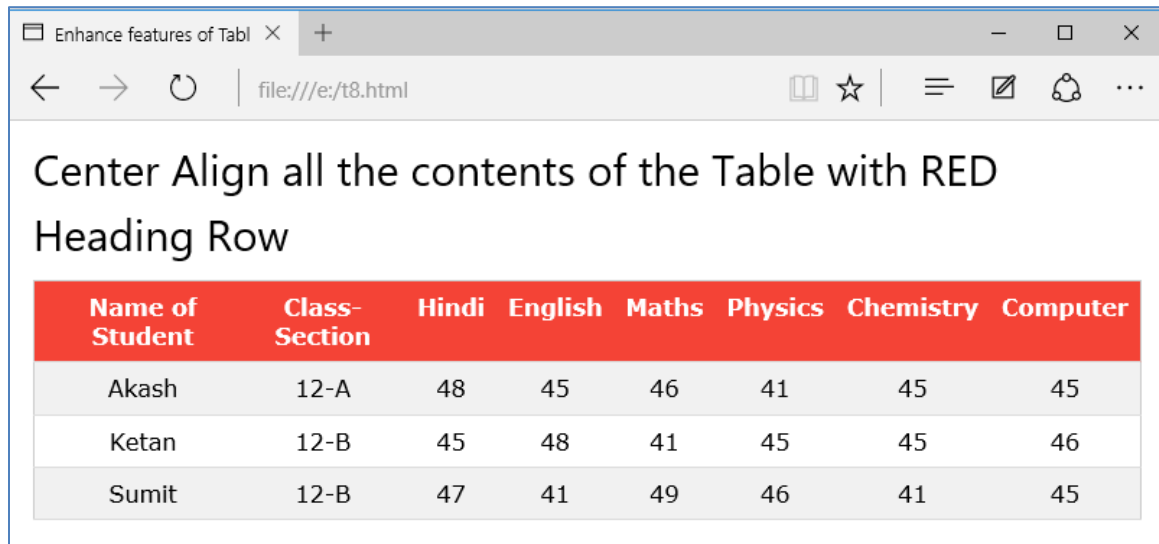
Sno	W3.CSS Class	Features	Description
1.	w3-centered	Centered table content	Used to center align all the content of the table
2.	w3-hoverable	Hoverable table	Used to add a grey background color to the row on mouse-over the row
3.	w3-hover-color	Color to Hover Row	Used to add a specified background color to the row on mouse-over the row
4.	w3-responsive	Creates a responsive table.	The table can be scrolled horizontally on small screens
5.	w3-center	Centre align one column	Used to right aligns the content of a column
6.	w3-right-align	Right align one column	Used to right aligns the content of a column
7.	w3-color	Row Color or Table Color	Used to display a colored row depending on the color specified Or Color of complete table, depending on position of class
8.	W3-font	Font size	display a large table, tiny, jumbo based on the font

We can also combine various features / classes to make Table looks more enriched.

Example 1: Center align all the content of the table with Red color Heading Row. To do so, we have modified Table tag and Tr tag with respective classes.

```
<html>
<title>Enhance features of Table</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
<div class="w3-container">
<h2> Center Align all the contents of the Table with RED Heading Row</h2>
<table class="w3-table-all w3-centered ">
  <tr class="w3-red">
    <th> Name of Student</th>
    <th>Class-Section</th>
    <th>Hindi</th>
    <th>English</th>
    <th>Maths</th>
    <th>Physics</th>
    <th>Chemistry</th>
    <th>Computer</th>
  </tr>
  <tr>
    <td>Akash</td>
    <td>12-A</td>
    <td>48</td>
    <td>45</td>
    <td>46</td>
    <td>41</td>
    <td>45</td>
    <td>45</td>
  </tr>
  <tr>
    <td>Ketan</td>
    <td>12-B</td>
    <td>45</td>
    <td>48</td>
    <td>41</td>
    <td>45</td>
    <td>45</td>
    <td>46</td>
  </tr>
  <tr>
    <td>Sumit</td>
    <td>12-B</td>
    <td>47</td>
    <td>41</td>
    <td>49</td>
    <td>46</td>
    <td>41</td>
    <td>45</td>
  </tr>
</table>
</div>
</body>
```

</html>



Enhance features of Tabl X +

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Center Align all the contents of the Table with RED Heading Row

Name of Student	Class-Section	Hindi	English	Maths	Physics	Chemistry	Computer
Akash	12-A	48	45	46	41	45	45
Ketan	12-B	45	48	41	45	45	46
Sumit	12-B	47	41	49	46	41	45

Example 2: Center align all the content of the table with Green color Heading Row. To do so, we have modified TR tag and Th tag with respective classes.

```
<html>
<title>Enhance features of Table</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
<div class="w3-container">
<h2> Right Align Class-Section Column with Green Top Row</h2>
<table class="w3-table-all">
  <tr class="w3-green">
    <th> Name of Student</th>
    <th class="w3-right-align" >Class-Section</th>
    <th>Hindi</th>
    <th>English</th>
    <th>Maths</th>
    <th>Physics</th>
    <th>Chemistry</th>
    <th>Computer</th>
  </tr>
  <tr>
    <td>Akash</td>
    <td class="w3-right-align" >12-A</td>
    <td>48</td>
    <td>45</td>
    <td>46</td>
    <td>41</td>
    <td>45</td>
    <td>45</td>
  </tr>
  <tr>
    <td>Ketan</td>
    <td class="w3-right-align" >12-B</td>
    <td>45</td>
```

```
 48</td>  41</td>  45</td>  45</td>  46</td> </tr> <tr>  Sumit</td>  47</td>  41</td>  49</td>  46</td>  41</td>  45</td> </tr> </table> </div> </body> </html> | | | | | | | | | | | |
```

Enhance features of Tabl × +

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Right Align Class-Section Column with Green Top Row

Name of Student	Class-Section	Hindi	English	Maths	Physics	Chemistry	Computer
Akash	12-A	48	45	46	41	45	45
Ketan	12-B	45	48	41	45	45	46
Sumit	12-B	47	41	49	46	41	45

Example 3: Hoverable Table. To do so, we have modified Table tag with respective class.

```

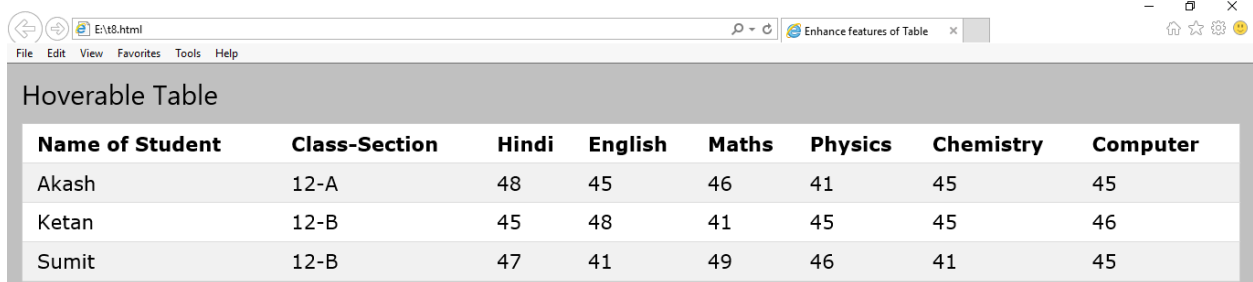
<html>
<title>Enhance features of Table</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
<div class="w3-container">
<h2> Hoverable Table</h2>
<table class="w3-table-all w3-hoverable">
<tr>
<th> Name of Student</th>
<th>Class-Section</th>
<th>Hindi</th>
<th>English</th>
<th>Maths</th>
<th>Physics</th>

```

```

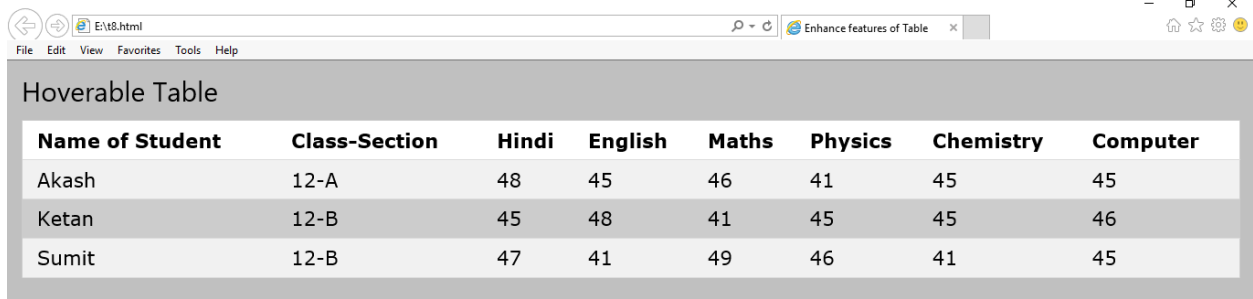
        <th>Chemistry</th>
        <th>Computer</th>
    </tr>
    <tr>
        <td>Akash</td>
        <td>12-A</td>
        <td>48</td>
        <td>45</td>
        <td>46</td>
        <td>41</td>
        <td>45</td>
        <td>45</td>
    </tr>
    <tr>
        <td>Ketan</td>
        <td>12-B</td>
        <td>45</td>
        <td>48</td>
        <td>41</td>
        <td>45</td>
        <td>45</td>
        <td>46</td>
    </tr>
    <tr>
        <td>Sumit</td>
        <td>12-B</td>
        <td>47</td>
        <td>41</td>
        <td>49</td>
        <td>46</td>
        <td>41</td>
        <td>45</td>
    </tr>
</table>
</div>
</body>
</html>

```



Name of Student	Class-Section	Hindi	English	Maths	Physics	Chemistry	Computer
Akash	12-A	48	45	46	41	45	45
Ketan	12-B	45	48	41	45	45	46
Sumit	12-B	47	41	49	46	41	45

Here, when we go to the middle row, its color chnages.



Name of Student	Class-Section	Hindi	English	Maths	Physics	Chemistry	Computer
Akash	12-A	48	45	46	41	45	45
Ketan	12-B	45	48	41	45	45	46
Sumit	12-B	47	41	49	46	41	45

Example 4: TABLE with Red hover Color for top heading row , Blue for middle row. To do so, we have modified TR tag with respective hover color class.

```

<html>
<title>Enhance features of Table</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
<div class="w3-container">
<h2> Red hover Color for top heading row and Blue for middle row </h2>
<table class="w3-table-all">
  <tr class="w3-hover-red">
    <th> Name of Student</th>
    <th>Class-Section</th>
    <th>Hindi</th>
    <th>English</th>
    <th>Maths</th>
    <th>Physics</th>
    <th>Chemistry</th>
    <th>Computer</th>
  </tr>
  <tr>
    <td>Akash</td>
    <td>12-A</td>
    <td>48</td>
    <td>45</td>
    <td>46</td>
    <td>41</td>
    <td>45</td>
    <td>45</td>
  </tr>
  <tr class="w3-hover-blue">
    <td>Ketan</td>
    <td>12-B</td>
    <td>45</td>
    <td>48</td>
    <td>41</td>
    <td>45</td>
    <td>45</td>
    <td>46</td>
  </tr>
  <tr>
    <td>Sumit</td>

```

```

        <td>12-B</td>
        <td>47</td>
        <td>41</td>
        <td>49</td>
        <td>46</td>
        <td>41</td>
        <td>45</td>
    </tr>
</table>
</div>
</body>
</html>

```

Enhance features of Table

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Red hover Color for top heading row and Blue for middle row

Name of Student	Class-Section	Hindi	English	Maths	Physics	Chemistry	Computer
Akash	12-A	48	45	46	41	45	45
Ketan	12-B	45	48	41	45	45	46
Sumit	12-B	47	41	49	46	41	45

Red row color is showing for top row if mouse over and middle row with blue color.

Enhance features of Table

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Red hover Color for top heading row and Blue for middle row

Name of Student	Class-Section	Hindi	English	Maths	Physics	Chemistry	Computer
Akash	12-A	48	45	46	41	45	45
Ketan	12-B	45	48	41	45	45	46
Sumit	12-B	47	41	49	46	41	45

Example 5: Responsive TABLE with Red table color. To do so, we have added responsive class in a new Div tag and modified Table class with red color.

```

<html>
<title>Enhance features of Table</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
<div class="w3-container">

```

<h2> Responsive Table with Red Color </h2>

<div class="w3-responsive">

<table class="w3-table w3-red">

<tr >

<th> Name of Student</th>

<th>Class-Section</th>

<th>Hindi</th>

<th>English</th>

<th>Maths</th>

<th>Physics</th>

<th>Chemistry</th>

<th>Computer</th>

</tr>

<tr>

<td>Akash</td>

<td>12-A</td>

<td>48</td>

<td>45</td>

<td>46</td>

<td>41</td>

<td>45</td>

<td>45</td>

</tr>

<tr>

<td>Ketan</td>

<td>12-B</td>

<td>45</td>

<td>48</td>

<td>41</td>

<td>45</td>

<td>45</td>

<td>46</td>

</tr>

<tr>

<td>Sumit</td>

<td>12-B</td>

<td>47</td>

<td>41</td>

<td>49</td>

<td>46</td>

<td>41</td>

<td>45</td>

</tr>

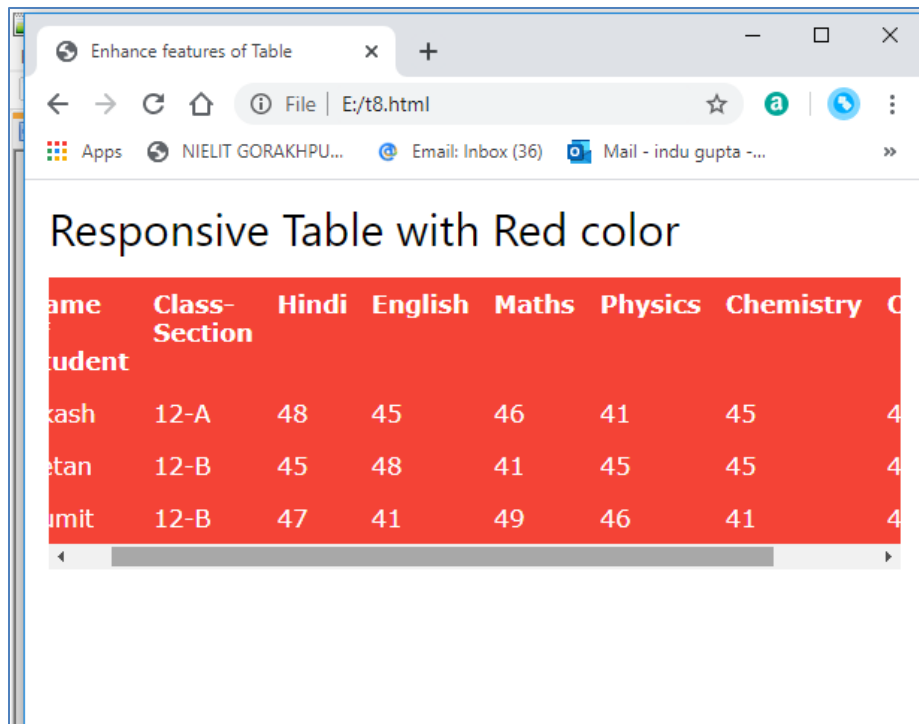
</table>

</div>

</div>

</body>

</html>



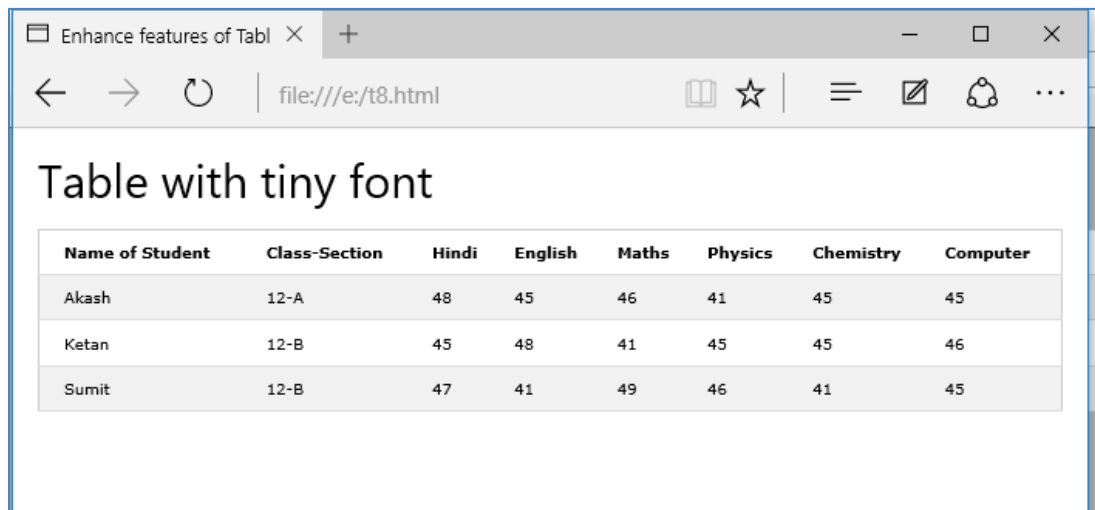
Example 6: Table with Tiny font. To do so, the Table tag has been modified with “w3-table-all w3-tiny”

```
<html>
<title>Enhance features of Table</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<body>
<div class="w3-container">
<h2> Table with tiny font</h2>
  <table class="w3-table-all w3-tiny">
    <tr >
      <th> Name of Student</th>
      <th>Class-Section</th>
      <th>Hindi</th>
      <th>English</th>
      <th>Maths</th>
      <th>Physics</th>
      <th>Chemistry</th>
      <th>Computer</th>
    </tr>
    <tr>
      <td>Akash</td>
      <td>12-A</td>
      <td>48</td>
      <td>45</td>
      <td>46</td>
      <td>41</td>
      <td>45</td>
      <td>45</td>
    </tr>
```

```

        <td>Ketan</td>
        <td>12-B</td>
        <td>45</td>
        <td>48</td>
        <td>41</td>
        <td>45</td>
        <td>45</td>
        <td>46</td>
    </tr>
    <tr>
        <td>Sumit</td>
        <td>12-B</td>
        <td>47</td>
        <td>41</td>
        <td>49</td>
        <td>46</td>
        <td>41</td>
        <td>45</td>
    </tr>
</table>
</div>
</body>
</html>

```



Name of Student	Class-Section	Hindi	English	Maths	Physics	Chemistry	Computer
Akash	12-A	48	45	46	41	45	45
Ketan	12-B	45	48	41	45	45	46
Sumit	12-B	47	41	49	46	41	45

Example 7: Table with xxlarge font. To do so, the Table tag has been modified with “w3-table-all w3-xxlarge”

Code of example 6 except changes in h2 tag and table tag

<h2> Table with tiny font</h2> ==> <h2> Table with xxlarge font</h2>

<table class="w3-table-all w3-tiny"> ==> <table class="w3-table-all w3-xxlarge">

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Table with xxlarge font

Name of Student	Class- Section	Hindi	English	Maths	Physics	Chemistry	Compute
Akash	12-A	48	45	46	41	45	45
Ketan	12-B	45	48	41	45	45	46
Sumit	12-B	47	41	49	46	41	45

Similarly we may use other font sizes also.

Assignment

1. How to make a table hoverable?
2. How to make a table responsive?
3. Which font size we can use in table?