

Table

In simple words, an arrangement of information in rows and columns containing cells is table, which make comparing and contrasting information easier.

Tables in W3.CSS

W3.CSS provides various table classes which can be used to represent tabular data on webpages with enhanced look. The **w3-table** class shows basic table class available in W3.CSS. Two or more properties can be combined to give a totally new look to the table

Sno	W3.CSS table Class	Table Features	Description
1.	w3-table	Simple HTML Table	Used to display Basic Table
Features/ properties			
2.	w3-striped	Striped table	used to add zebra-stripes to a table
3.	w3-border	Bordered table	Used to ads a bottom border to each table row
4.	w3-bordered	Bordered lines	used to display a border around a table
5.	w3-table-all	All properties set (Striped, Bordered Table & Bordered Line)	Used to combine and display all the properties (Striped, Bordered Table & Bordered Line) in a table We need to only use the w3-table-all and no need to add property classes.

Example 1: Basic Table using w3-table class

```
<html>
<title>Table Class</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>Basic Table</h2>
<table class="w3-table">
  <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>
```

Table Class

file:///e:/t7.html

Basic Table

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: Basic Table using **w3-table** and **w3-striped** class

We use the exactly same code of Example 1, except the w3-striped class is added alongwith w3-table class making the code line as

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

Instead of

<table class="w3-table">

Table Class

file:///e:/t7.html

Basic Table

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: Basic Table using **w3-table** and **w3-bordered** class : This will add border to each row.

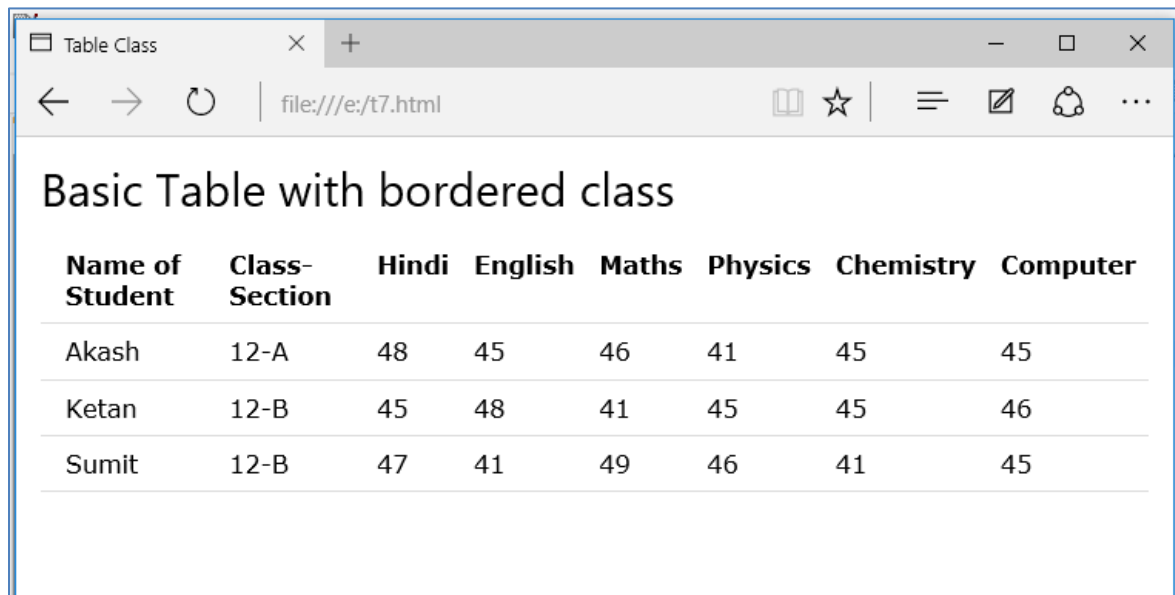
- We use the exactly same code of Example 1, except the w3-bordered class has added alongwith w3-table class making the code line as

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

Instead of

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

- We have also updated the heading tag to `<h2>Basic Table with bordered class</h2>` to explain the example with the correct heading.



The screenshot shows a web browser window with the title 'Table Class' and the address 'file:///e:/t7.html'. The page content is a table with the heading 'Basic Table with bordered class'. The table has 8 columns: 'Name of Student', 'Class-Section', 'Hindi', 'English', 'Maths', 'Physics', 'Chemistry', and 'Computer'. There are 4 rows of data, including a header row and three data rows for students Akash, Ketan, and Sumit.

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: Basic Table using **w3-table** and **w3-border** class : This will add border to the table.

- We use the exactly same code of Example 1, except the w3-border class has added alongwith w3-table class making the code line as

`<table class="w3-table w3-border ">`

Instead of

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

- We have also updated the heading tag to `<h2>Basic Table with border class</h2>` to explain the example with the correct heading.

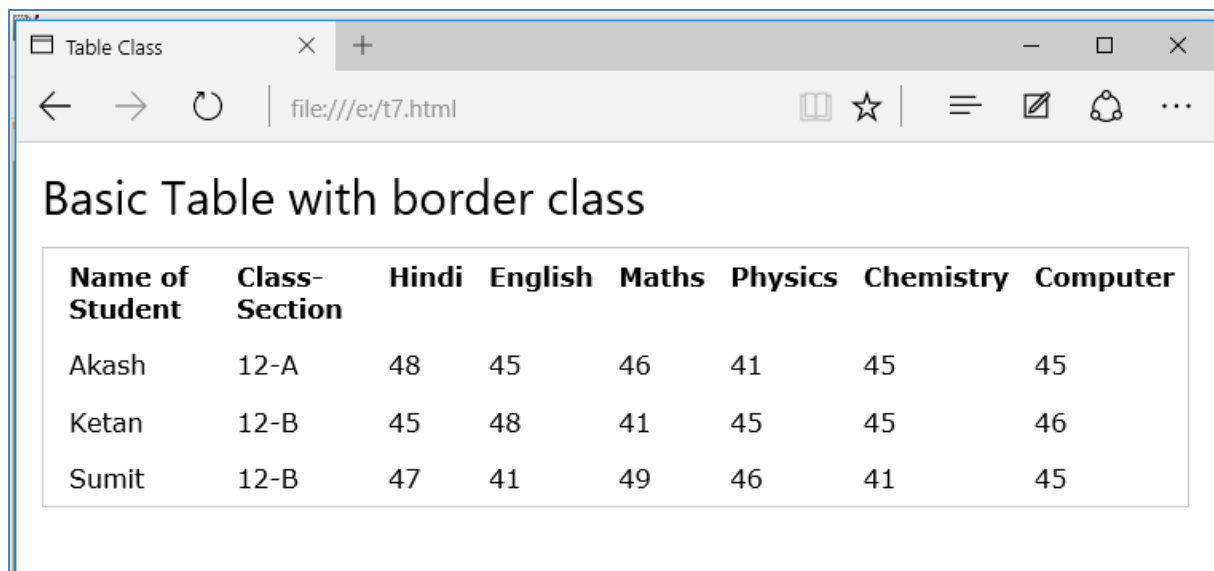


Table Class

file:///e:/t7.html

Basic Table with border class

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: Combining of Properties . i.e. Basic Table using **w3-table**, **w3-border** and **w3-striped** class : This will add border to the table and stripes to rows.

- We use the exactly same code of Example 1, except the w3-border and w3-striped class have added alongwith w3-table class making the code line as

<table class="w3-table w3-border w3-striped">

Instead of

<table class="w3-table">

- We have also updated the heading tag to **<h2>Basic Table with border and striped rows</h2>**

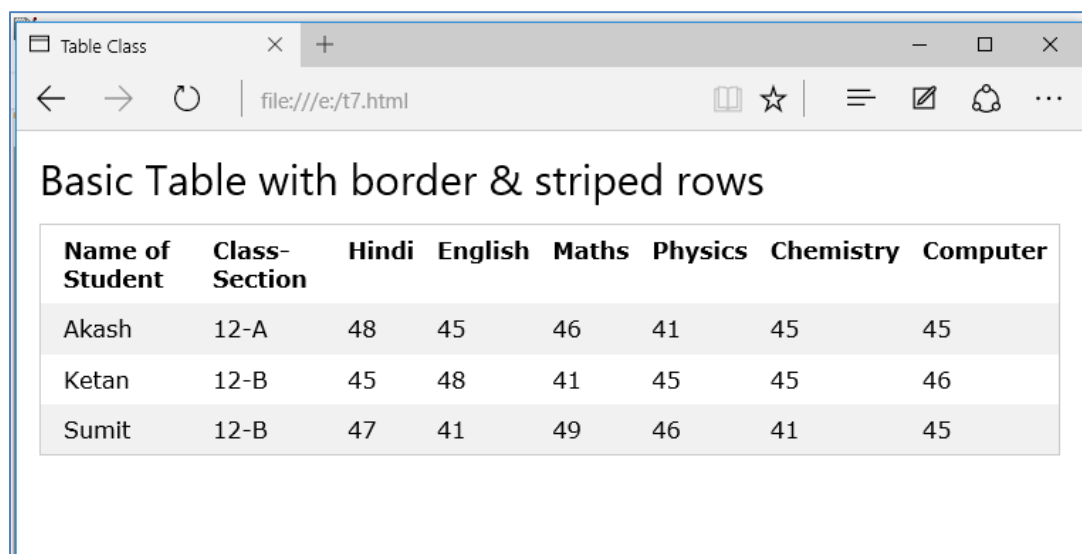


Table Class

file:///e:/t7.html

Basic Table with border & striped rows

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: Using w3-table-all class to display all properties (Striped, Bordered Table & Bordered Line). We need not to define each property separately if this class is used. Code of example 1 will be changed only at 2 places i.e. table class and in heading. However, we are giving complete code again:

```

<html>
<title>Table Class</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 all properties (Row Border, Striped and Table Border)</h2>
<table class="w3-table-all">
  <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>

```

Table Class

file:///e:/t7.html

Table with all properties (Row Border, Striped and Table Border)

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

Assignment

1. What are the table & their property classes available with W3.CSS?
2. How the property classes can be combined?