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## JavaScript charts | Bar charts

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### Examples

#### Basic blue theme

Javascript code to produce above chart:

```
var myData = new Array(['2005', 2], ['2006', 1], ['2007', 3], ['2008', 6]);
var myChart = new JSChart('chartid', 'bar');
myChart.setDataArray(myData);
myChart.setBarColor('#42aBdB');
myChart.setBarOpacity(0.8);
myChart.setBarBorderColor('#D9EDF7');
myChart.setBarValues(false);
myChart.setTitleColor('#8C8383');
myChart.setAxisColor('#777E81');
myChart.setAxisValuesColor('#777E81');
myChart.draw();
```

If you wish to use an external XML file for data and settings, here are the files you can use for the above example:

```
var myChart = new JSChart('chartid', 'bar');
myChart.setDataXML("data.xml");
myChart.draw();
```

```
<?xml version="1.0"?>
<JSChart>
  <dataset type="bar">
    <data unit="2005" value="2"/>
    <data unit="2006" value="1"/>
    <data unit="2007" value="3"/>
    <data unit="2008" value="6"/>
  </dataset>
  <optionset>
    <option set="setBarColor" value="#42aBdB"/>
    <option set="setBarOpacity" value="0.8"/>
    <option set="setBarBorderColor" value="#D9EDF7"/>
    <option set="setBarValues" value="false"/>
    <option set="setTitleColor" value="#8C8383"/>
    <option set="setAxisColor" value="#777E81"/>
    <option set="setAxisValuesColor" value="#777E81"/>
  </optionset>
</JSChart>
```

Code using Javascript and external JSON file:

```
var myChart = new JSChart('chartid', 'bar');
myChart.setDataJSON("data.json");
myChart.draw();
```

```
{
  "JSChart" : {
    "datasets" : [
      {
        "type" : "bar",
```

```

    "data" : [
      {
        "unit" : "2005",
        "value" : "2"
      },
      {
        "unit" : "2006",
        "value" : "1"
      },
      {
        "unit" : "2007",
        "value" : "3"
      },
      {
        "unit" : "2008",
        "value" : "6"
      }
    ]
  },
  "optionset" : [
    {
      "set" : "setBarColor",
      "value" : "'#42aBdB'"
    },
    {
      "set" : "setBarOpacity",
      "value" : "0.8"
    },
    {
      "set" : "setBarBorderColor",
      "value" : "'#D9EDF7'"
    },
    {
      "set" : "setBarValues",
      "value" : "false"
    },
    {
      "set" : "setTitleColor",
      "value" : "'#8C8383'"
    },
    {
      "set" : "setAxisColor",
      "value" : "'#777E81'"
    },
    {
      "set" : "setAxisValuesColor",
      "value" : "'#777E81'"
    }
  ]
}

```

### Custom red theme

#### Code using only Javascript:

```

var myData = new Array(['Jan', 2], ['Feb', 1], ['Mar', 3], ['Apr', 6], ['May', 8], ['Jun', 10], ['Jul', 9],
var colors = ['#CE0000', '#EF2323', '#D20202', '#A70000', '#850000', '#740000', '#530000', '#850000', '#B
var myChart = new JSChart('chartid', 'bar');
myChart.setDataArray(myData);
myChart.colorizeBars(colors);
myChart.setDataArray(myData);
myChart.setAxisColor('#9D9F9D');
myChart.setAxisWidth(1);
myChart.setAxisNameX('Months');
myChart.setAxisNameY('Values');
myChart.setAxisNameColor('#655D5D');
myChart.setAxisNameFontSize(9);
myChart.setAxisPaddingLeft(50);
myChart.setAxisValuesDecimals(1);
myChart.setAxisValuesColor('#9C1919');
myChart.setTextPaddingLeft(0);
myChart.setBarValuesColor('#9C1919');
myChart.setBarBorderWidth(0);
myChart.setTitleColor('#8C8382');
myChart.setGridColor('#5D5F5D');
myChart.draw();

```

#### Code using Javascript and external XML file:

```
var myChart = new JSChart('chartid', 'bar');
myChart.setDataXML("data.xml");
myChart.draw();
```

```
<?xml version="1.0"?>
<JSChart>
  <dataset type="bar">
    <data unit="Jan" value="2"/>
    <data unit="Feb" value="1"/>
    <data unit="Mar" value="3"/>
    <data unit="Apr" value="6"/>
    <data unit="May" value="8"/>
    <data unit="Jun" value="10"/>
    <data unit="Jul" value="9"/>
    <data unit="Aug" value="8"/>
    <data unit="Sep" value="5"/>
    <data unit="Oct" value="6"/>
    <data unit="Nov" value="2"/>
    <data unit="Dec" value="4"/>
  </dataset>
  <colorset>
    <color value="#CE0000"/>
    <color value="#EF2323"/>
    <color value="#D20202"/>
    <color value="#A70000"/>
    <color value="#850000"/>
    <color value="#740000"/>
    <color value="#530000"/>
    <color value="#850000"/>
    <color value="#B00000"/>
    <color value="#9C0404"/>
    <color value="#CE0000"/>
    <color value="#BA0000"/>
  </colorset>
  <optionset>
    <option set="setAxisColor" value="'#9D9F9D'"/>
    <option set="setAxisWidth" value="1"/>
    <option set="setAxisNameX" value="'Months'"/>
    <option set="setAxisNameY" value="'Values'"/>
    <option set="setAxisNameColor" value="'#655D5D'"/>
    <option set="setAxisNameFontSize" value="9"/>
    <option set="setAxisPaddingLeft" value="50"/>
    <option set="setAxisValuesDecimals" value="1"/>
    <option set="setAxisValuesColor" value="'#9C1919'"/>
    <option set="setTextPaddingLeft" value="0"/>
    <option set="setBarValuesColor" value="'#9C1919'"/>
    <option set="setBarBorderWidth" value="0"/>
    <option set="setTitleColor" value="'#8C8382'"/>
    <option set="setGridColor" value="'#5D5F5D'"/>
  </optionset>
</JSChart>
```

Code using Javascript and external JSON file:

```
var myChart = new JSChart('chartid', 'bar');
myChart.setDataJSON("data.json");
myChart.draw();
```

```
{
  "JSChart" : {
    "datasets" : [
      {
        "type" : "bar",
        "data" : [
          {
            "unit" : "Jan",
            "value" : "2"
          },
          {
            "unit" : "Feb",
            "value" : "1"
          },
          {
            "unit" : "Mar",
            "value" : "3"
          },
          {
            "unit" : "Apr",
            "value" : "6"
          },
          {
            "unit" : "May",
            "value" : "8"
          },
          {
            "unit" : "Jun",
            "value" : "10"
          },
          {
            "unit" : "Jul",
            "value" : "9"
          },
          {
            "unit" : "Aug",
            "value" : "8"
          },
          {
            "unit" : "Sep",
            "value" : "5"
          },
          {
            "unit" : "Oct",
            "value" : "6"
          },
          {
            "unit" : "Nov",
            "value" : "2"
          },
          {
            "unit" : "Dec",
            "value" : "4"
          }
        ]
      }
    ]
  }
}
```

```

        "unit" : "Sep",
        "value" : "5"
    },
    {
        "unit" : "Oct",
        "value" : "6"
    },
    {
        "unit" : "Nov",
        "value" : "2"
    },
    {
        "unit" : "Dec",
        "value" : "4"
    }
]
},
"colorset" : [
    "#CE0000",
    "#EF2323",
    "#D20202",
    "#A70000",
    "#850000",
    "#740000",
    "#530000",
    "#850000",
    "#B00000",
    "#9C0404",
    "#CE0000",
    "#BA0000"
],
"optionset" : [
    {
        "set" : "setAxisColor",
        "value" : "'#9D9F9D'"
    },
    {
        "set" : "setAxisWidth",
        "value" : "1"
    },
    {
        "set" : "setAxisNameX",
        "value" : "'Months'"
    },
    {
        "set" : "setAxisNameY",
        "value" : "'Values'"
    },
    {
        "set" : "setAxisNameColor",
        "value" : "'#655D5D'"
    },
    {
        "set" : "setAxisNameFontSize",
        "value" : "9"
    },
    {
        "set" : "setAxisPaddingLeft",
        "value" : "50"
    },
    {
        "set" : "setAxisValuesDecimals",
        "value" : "1"
    },
    {
        "set" : "setAxisValuesColor",
        "value" : "'#9C1919'"
    },
    {
        "set" : "setTextPaddingLeft",
        "value" : "0"
    },
    {
        "set" : "setBarValuesColor",
        "value" : "'#9C1919'"
    },
    {
        "set" : "setBarBorderWidth",
        "value" : "0"
    },
    {
        "set" : "setTitleColor",
        "value" : "'#8C8382'"
    },
    {
        "set" : "setGridColor",
        "value" : "'#5D5F5D'"
    }
]
}
}
}

```



**Basic magenta theme**

## Code using only Javascript:

```
var myData = new Array(['2003', 2.6], ['2004', 4.5], ['2005', 2], ['2006', 1.5], ['2007', 3], ['2008', 5.2]);
var myChart = new JSChart('chartid', 'bar');
var colors = ['#7979DB', '#7952E9', '#792BC8', '#792BA1', '#792BA1', '#792B79'];
myChart.setDataArray(myData);
myChart.colorizeBars(colors);
myChart.setAxisValuesColor('#008');
myChart.setAxisColor('#ABABAB');
myChart.setAxisWidth(1);
myChart.setAxisValuesColor('#858585');
myChart.setAxisNameColor('#858585');
myChart.setBarBorderColor('#bbb');
myChart.setBarOpacity(0.8);
myChart.setBarSpacingRatio(50);
myChart.setBarValues(false);
myChart.setTitleColor('#928888');
myChart.setGridColor('#ABABAB');
myChart.draw();
```

## Code using Javascript and external XML file:

```
var myChart = new JSChart('chartid', 'bar');
myChart.setDataXML("data.xml");
myChart.draw();
```

```
<?xml version="1.0"?>
<JSChart>
  <dataset type="bar">
    <data unit="2003" value="2.6"/>
    <data unit="2004" value="4.5"/>
    <data unit="2005" value="2"/>
    <data unit="2006" value="1.5"/>
    <data unit="2007" value="3"/>
    <data unit="2008" value="5.2"/>
  </dataset>
  <colorset>
    <color value="#7979DB"/>
    <color value="#7952E9"/>
    <color value="#792BC8"/>
    <color value="#792BA1"/>
    <color value="#792BA1"/>
    <color value="#792B79"/>
  </colorset>
  <optionset>
    <option set="setAxisValuesColor" value="#008"/>
    <option set="setAxisColor" value="#ABABAB"/>
    <option set="setAxisWidth" value="1"/>
    <option set="setAxisValuesColor" value="#858585"/>
    <option set="setAxisNameColor" value="#858585"/>
    <option set="setBarBorderColor" value="#bbb"/>
    <option set="setBarOpacity" value="0.8"/>
    <option set="setBarSpacingRatio" value="50"/>
    <option set="setBarValues" value="false"/>
    <option set="setTitleColor" value="#928888"/>
    <option set="setGridColor" value="#ABABAB"/>
  </optionset>
</JSChart>
```

## Code using Javascript and external JSON file:

```
var myChart = new JSChart('chartid', 'bar');
myChart.setDataJSON("data.json");
myChart.draw();
```

```
{
  "JSChart" : {
    "datasets" : [
      {
        "type" : "bar",
        "data" : [
          {
            "unit" : "2003",
            "value" : "2.6"
          },
          {
            "unit" : "2004",
            "value" : "4.5"
          },
          {
            "unit" : "2005",
            "value" : "2"
          }
        ]
      }
    ]
  }
}
```

```

        {
            "unit" : "2006",
            "value" : "1.5"
        },
        {
            "unit" : "2007",
            "value" : "3"
        },
        {
            "unit" : "2008",
            "value" : "5.2"
        }
    ]
}
],
"colorset" : [
    "#7979DB",
    "#7952E9",
    "#792BC8",
    "#792BA1",
    "#792BA1",
    "#792B79"
],
"optionset" : [
    {
        "set" : "setAxisValuesColor",
        "value" : "'#008'"
    },
    {
        "set" : "setAxisColor",
        "value" : "'#ABABAB'"
    },
    {
        "set" : "setAxisWidth",
        "value" : "1"
    },
    {
        "set" : "setAxisValuesColor",
        "value" : "'#858585'"
    },
    {
        "set" : "setAxisNameColor",
        "value" : "'#858585'"
    },
    {
        "set" : "setBarBorderColor",
        "value" : "'#bbb'"
    },
    {
        "set" : "setBarOpacity",
        "value" : "0.8"
    },
    {
        "set" : "setBarSpacingRatio",
        "value" : "50"
    },
    {
        "set" : "setBarValues",
        "value" : "false"
    },
    {
        "set" : "setTitleColor",
        "value" : "'#928888'"
    },
    {
        "set" : "setGridColor",
        "value" : "'#ABABAB'"
    }
]
}
}

```

For details on public methods see [Reference](#).

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flash effects component

**slideshow** *box*  
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**slider** *wall*  
jQuery image slider

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**JC** *player*  
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