

# Axis

## Description

An `Axis` object represents a chart axis. The `Axis` class has two sub-classes: `CategoryAxis` and `ValueAxis`.

### C#

```
public class Axis
```

### vb.net

```
Public Class Axis
```

## Properties

Name	Description
<code>AxisLine</code>	Returns a <code>ChartLine</code> object representing the appearance of the axis.
<code>LabelFont</code>	Sets or returns a <code>Font</code> object for the labels on the axis.
<code>MajorGridline</code>	Returns a <code>ChartLine</code> object representing the major gridlines of the axis. Gridlines extend from the tick marks on an axis across the chart's plot area.
<code>MajorTickType</code>	Sets or returns how axis tick marks on the major gridlines are displayed.
<code>MinorGridline</code>	Returns a <code>ChartLine</code> object representing the minor gridlines of the axis. Gridlines extend from the tick marks on an axis across the chart's plot area.
<code>MinorTickType</code>	Sets or returns how axis tick marks on the minor gridlines are displayed.
<code>NumberFormat</code>	Sets or returns the display format of axis label numbers.
<code>TextDisplayTopToBottom</code>	Sets or returns whether the text of the tick labels is displayed top to bottom and the letters are upright.
<code>TextRotationAngle</code>	Sets or returns the rotation angle of the text of the tick labels, in degrees. This angle must be between -90 and 90 degrees, inclusive.
<code>TickLabelPosition</code>	Sets or returns the positioning of axis tick labels.
<code>Title</code>	Returns a <code>ChartText</code> object representing the axis title.
<code>ValuesInReverseOrder</code>	Sets or returns whether the axis values are displayed in reverse order.
<code>Visible</code>	Sets or returns whether the axis will be displayed or hidden.

## Nested Classes

Name	Description
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TickLabelPos	A <code>TickLabelPos</code> value specifies the position of axis tick labels.
TickType	The <code>TickType</code> class contains all available axis tick types.