

# NumericUpDown Control in VB.NET

**NumericUpDown** Control is a rectangle box with Up and Down arrow key. It is used to represent a numeric value that can be incremented or decremented between specific range. You can also enter numeric value directly in the NumericUpDown Control between specific range if its readonly property is false.

## Properties of NumericUpDown Control

Various Properties of NumericUpDown Control are:

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|---------------------------|---|
| <b>Name</b>               | It is used to specify name of the NumericUpDown Control.  |
| <b>DecimalPlaces</b>      | It is used to specify number of digits to be display after decimal point. Default value is 0.   |
| <b>Hexadecimal</b>        | It is used to determine weather numeric value in the NumericUpDown Control is display in Hexadecimal form or not. It has boolean value. Default value is false.                   |
| <b>Increment</b>          | It is used to specify the amount by which the value of NumericUpDown Control is Incremented or Decremented each time when Up arrow or Down arrow is clicked.                      |
| <b>InterceptArrowKeys</b> | It is used to determine weather value in the NumericUpDown control can be increment or decrement using UP and DOWN arrow key or not. It has boolean value. Default value is true. |
| <b>Maximum</b>            | It is used to specify maximum value for the NumericUpDown Control.  |
| <b>Minimum</b>            | It is used to specify minimum value for the NumericUpDown Control.  |
| <b>ReadOnly</b>           | It is used to determine weather Numeric value in the NumericUpDown Control is ReadOnly or Not. It has boolean value. Default value is false.                                      |

**Value** It is used to Get or Set current value of NumericUpDown Control.

**ThousandsSeparator** It is used to determine whether thousands separator will be inserted after every three decimal digits or not. It has boolean value. Default value is false.

**TextAlign** It is used to set alignment of the Numeric value in the NumericUpDown Control. It can have one of the following three values: left, right or Center. Default value is left.

**UpDownAlign** It is used to set alignment of the **UPDOWN** arrow in the NumericUpDown Control. It can have one of the following two values: left, right. Default value is right.

## Methods of NumericUpDown Control

Various Methods of NumericUpDown Control are:

**UpButton** It is used to Increment the current value of NumericUpDown Control by the value specified in the Increment Property.

**DownButton** It is used to Decrement the current value of NumericUpDown Control by the value specified in the Increment Property.

## Event of NumericUpDown Control

Various Events of NumericUpDown Control are:

**ValueChanged** This event fires each time when the value in the NumericUpDown Control changed.