| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BorderFactory.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/swing/ActionMap.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/BoundedRangeModel.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/BorderFactory.html)    [**NO FRAMES**](http://docs.google.com/BorderFactory.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

## **javax.swing**

Class BorderFactory

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.BorderFactory**

public class **BorderFactory**extends [Object](http://docs.google.com/java/lang/Object.html)

Factory class for vending standard Border objects. Wherever possible, this factory will hand out references to shared Border instances. For further information and examples see [How to Use Borders](http://java.sun.com/docs/books/tutorial/uiswing/misc/border.html), a section in *The Java Tutorial*.

| **Method Summary** | |
| --- | --- |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createBevelBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createBevelBorder(int))(int type)            Creates a beveled border of the specified type, using brighter shades of the component's current background color for highlighting, and darker shading for shadows. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createBevelBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createBevelBorder(int,%20java.awt.Color,%20java.awt.Color))(int type, [Color](http://docs.google.com/java/awt/Color.html) highlight, [Color](http://docs.google.com/java/awt/Color.html) shadow)            Creates a beveled border of the specified type, using the specified highlighting and shadowing. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createBevelBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createBevelBorder(int,%20java.awt.Color,%20java.awt.Color,%20java.awt.Color,%20java.awt.Color))(int type, [Color](http://docs.google.com/java/awt/Color.html) highlightOuter, [Color](http://docs.google.com/java/awt/Color.html) highlightInner, [Color](http://docs.google.com/java/awt/Color.html) shadowOuter, [Color](http://docs.google.com/java/awt/Color.html) shadowInner)            Creates a beveled border of the specified type, using the specified colors for the inner and outer highlight and shadow areas. |
| static [CompoundBorder](http://docs.google.com/javax/swing/border/CompoundBorder.html) | [**createCompoundBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createCompoundBorder())()            Creates a compound border with a null inside edge and a null outside edge. |
| static [CompoundBorder](http://docs.google.com/javax/swing/border/CompoundBorder.html) | [**createCompoundBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createCompoundBorder(javax.swing.border.Border,%20javax.swing.border.Border))([Border](http://docs.google.com/javax/swing/border/Border.html) outsideBorder, [Border](http://docs.google.com/javax/swing/border/Border.html) insideBorder)            Creates a compound border specifying the border objects to use for the outside and inside edges. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createEmptyBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createEmptyBorder())()            Creates an empty border that takes up no space. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createEmptyBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createEmptyBorder(int,%20int,%20int,%20int))(int top, int left, int bottom, int right)            Creates an empty border that takes up space but which does no drawing, specifying the width of the top, left, bottom, and right sides. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createEtchedBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createEtchedBorder())()            Creates a border with an "etched" look using the component's current background color for highlighting and shading. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createEtchedBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createEtchedBorder(java.awt.Color,%20java.awt.Color))([Color](http://docs.google.com/java/awt/Color.html) highlight, [Color](http://docs.google.com/java/awt/Color.html) shadow)            Creates a border with an "etched" look using the specified highlighting and shading colors. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createEtchedBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createEtchedBorder(int))(int type)            Creates a border with an "etched" look using the component's current background color for highlighting and shading. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createEtchedBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createEtchedBorder(int,%20java.awt.Color,%20java.awt.Color))(int type, [Color](http://docs.google.com/java/awt/Color.html) highlight, [Color](http://docs.google.com/java/awt/Color.html) shadow)            Creates a border with an "etched" look using the specified highlighting and shading colors. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createLineBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createLineBorder(java.awt.Color))([Color](http://docs.google.com/java/awt/Color.html) color)            Creates a line border withe the specified color. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createLineBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createLineBorder(java.awt.Color,%20int))([Color](http://docs.google.com/java/awt/Color.html) color, int thickness)            Creates a line border with the specified color and width. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createLoweredBevelBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createLoweredBevelBorder())()            Creates a border with a lowered beveled edge, using brighter shades of the component's current background color for highlighting, and darker shading for shadows. |
| static [MatteBorder](http://docs.google.com/javax/swing/border/MatteBorder.html) | [**createMatteBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createMatteBorder(int,%20int,%20int,%20int,%20java.awt.Color))(int top, int left, int bottom, int right, [Color](http://docs.google.com/java/awt/Color.html) color)            Creates a matte-look border using a solid color. |
| static [MatteBorder](http://docs.google.com/javax/swing/border/MatteBorder.html) | [**createMatteBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createMatteBorder(int,%20int,%20int,%20int,%20javax.swing.Icon))(int top, int left, int bottom, int right, [Icon](http://docs.google.com/javax/swing/Icon.html) tileIcon)            Creates a matte-look border that consists of multiple tiles of a specified icon. |
| static [Border](http://docs.google.com/javax/swing/border/Border.html) | [**createRaisedBevelBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createRaisedBevelBorder())()            Creates a border with a raised beveled edge, using brighter shades of the component's current background color for highlighting, and darker shading for shadows. |
| static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) | [**createTitledBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createTitledBorder(javax.swing.border.Border))([Border](http://docs.google.com/javax/swing/border/Border.html) border)            Creates a new titled border with an empty title, the specified border object, the default text position (sitting on the top line), the default justification (leading), and the default font and text color (determined by the current look and feel). |
| static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) | [**createTitledBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createTitledBorder(javax.swing.border.Border,%20java.lang.String))([Border](http://docs.google.com/javax/swing/border/Border.html) border, [String](http://docs.google.com/java/lang/String.html) title)            Adds a title to an existing border, with default positioning (sitting on the top line), default justification (leading) and the default font and text color (determined by the current look and feel). |
| static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) | [**createTitledBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createTitledBorder(javax.swing.border.Border,%20java.lang.String,%20int,%20int))([Border](http://docs.google.com/javax/swing/border/Border.html) border, [String](http://docs.google.com/java/lang/String.html) title, int titleJustification, int titlePosition)            Adds a title to an existing border, with the specified positioning and using the default font and text color (determined by the current look and feel). |
| static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) | [**createTitledBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createTitledBorder(javax.swing.border.Border,%20java.lang.String,%20int,%20int,%20java.awt.Font))([Border](http://docs.google.com/javax/swing/border/Border.html) border, [String](http://docs.google.com/java/lang/String.html) title, int titleJustification, int titlePosition, [Font](http://docs.google.com/java/awt/Font.html) titleFont)            Adds a title to an existing border, with the specified positioning and font, and using the default text color (determined by the current look and feel). |
| static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) | [**createTitledBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createTitledBorder(javax.swing.border.Border,%20java.lang.String,%20int,%20int,%20java.awt.Font,%20java.awt.Color))([Border](http://docs.google.com/javax/swing/border/Border.html) border, [String](http://docs.google.com/java/lang/String.html) title, int titleJustification, int titlePosition, [Font](http://docs.google.com/java/awt/Font.html) titleFont, [Color](http://docs.google.com/java/awt/Color.html) titleColor)            Adds a title to an existing border, with the specified positioning, font and color. |
| static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) | [**createTitledBorder**](http://docs.google.com/javax/swing/BorderFactory.html#createTitledBorder(java.lang.String))([String](http://docs.google.com/java/lang/String.html) title)            Creates a new titled border with the specified title, the default border type (determined by the current look and feel), the default text position (sitting on the top line), the default justification (leading), and the default font and text color (determined by the current look and feel). |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Method Detail** |
| --- |

### createLineBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createLineBorder**([Color](http://docs.google.com/java/awt/Color.html) color)

Creates a line border withe the specified color.

**Parameters:**color - a Color to use for the line **Returns:**the Border object

### createLineBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createLineBorder**([Color](http://docs.google.com/java/awt/Color.html) color,  
 int thickness)

Creates a line border with the specified color and width. The width applies to all four sides of the border. To specify widths individually for the top, bottom, left, and right, use [createMatteBorder(int,int,int,int,Color)](http://docs.google.com/javax/swing/BorderFactory.html#createMatteBorder(int,%20int,%20int,%20int,%20java.awt.Color)).

**Parameters:**color - a Color to use for the linethickness - an integer specifying the width in pixels **Returns:**the Border object

### createRaisedBevelBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createRaisedBevelBorder**()

Creates a border with a raised beveled edge, using brighter shades of the component's current background color for highlighting, and darker shading for shadows. (In a raised border, highlights are on top and shadows are underneath.)

**Returns:**the Border object

### createLoweredBevelBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createLoweredBevelBorder**()

Creates a border with a lowered beveled edge, using brighter shades of the component's current background color for highlighting, and darker shading for shadows. (In a lowered border, shadows are on top and highlights are underneath.)

**Returns:**the Border object

### createBevelBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createBevelBorder**(int type)

Creates a beveled border of the specified type, using brighter shades of the component's current background color for highlighting, and darker shading for shadows. (In a lowered border, shadows are on top and highlights are underneath.)

**Parameters:**type - an integer specifying either BevelBorder.LOWERED or BevelBorder.RAISED **Returns:**the Border object

### createBevelBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createBevelBorder**(int type,  
 [Color](http://docs.google.com/java/awt/Color.html) highlight,  
 [Color](http://docs.google.com/java/awt/Color.html) shadow)

Creates a beveled border of the specified type, using the specified highlighting and shadowing. The outer edge of the highlighted area uses a brighter shade of the highlight color. The inner edge of the shadow area uses a brighter shade of the shadow color.

**Parameters:**type - an integer specifying either BevelBorder.LOWERED or BevelBorder.RAISEDhighlight - a Color object for highlightsshadow - a Color object for shadows **Returns:**the Border object

### createBevelBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createBevelBorder**(int type,  
 [Color](http://docs.google.com/java/awt/Color.html) highlightOuter,  
 [Color](http://docs.google.com/java/awt/Color.html) highlightInner,  
 [Color](http://docs.google.com/java/awt/Color.html) shadowOuter,  
 [Color](http://docs.google.com/java/awt/Color.html) shadowInner)

Creates a beveled border of the specified type, using the specified colors for the inner and outer highlight and shadow areas.

Note: The shadow inner and outer colors are switched for a lowered bevel border.

**Parameters:**type - an integer specifying either BevelBorder.LOWERED or BevelBorder.RAISEDhighlightOuter - a Color object for the outer edge of the highlight areahighlightInner - a Color object for the inner edge of the highlight areashadowOuter - a Color object for the outer edge of the shadow areashadowInner - a Color object for the inner edge of the shadow area **Returns:**the Border object

### createEtchedBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createEtchedBorder**()

Creates a border with an "etched" look using the component's current background color for highlighting and shading.

**Returns:**the Border object

### createEtchedBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createEtchedBorder**([Color](http://docs.google.com/java/awt/Color.html) highlight,  
 [Color](http://docs.google.com/java/awt/Color.html) shadow)

Creates a border with an "etched" look using the specified highlighting and shading colors.

**Parameters:**highlight - a Color object for the border highlightsshadow - a Color object for the border shadows **Returns:**the Border object

### createEtchedBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createEtchedBorder**(int type)

Creates a border with an "etched" look using the component's current background color for highlighting and shading.

**Parameters:**type - one of EtchedBorder.RAISED, or EtchedBorder.LOWERED **Returns:**the Border object **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if type is not either EtchedBorder.RAISED or EtchedBorder.LOWERED**Since:** 1.3

### createEtchedBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createEtchedBorder**(int type,  
 [Color](http://docs.google.com/java/awt/Color.html) highlight,  
 [Color](http://docs.google.com/java/awt/Color.html) shadow)

Creates a border with an "etched" look using the specified highlighting and shading colors.

**Parameters:**type - one of EtchedBorder.RAISED, or EtchedBorder.LOWEREDhighlight - a Color object for the border highlightsshadow - a Color object for the border shadows **Returns:**the Border object**Since:** 1.3

### createTitledBorder

public static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) **createTitledBorder**([String](http://docs.google.com/java/lang/String.html) title)

Creates a new titled border with the specified title, the default border type (determined by the current look and feel), the default text position (sitting on the top line), the default justification (leading), and the default font and text color (determined by the current look and feel).

**Parameters:**title - a String containing the text of the title **Returns:**the TitledBorder object

### createTitledBorder

public static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) **createTitledBorder**([Border](http://docs.google.com/javax/swing/border/Border.html) border)

Creates a new titled border with an empty title, the specified border object, the default text position (sitting on the top line), the default justification (leading), and the default font and text color (determined by the current look and feel).

**Parameters:**border - the Border object to add the title to; if null the Border is determined by the current look and feel. **Returns:**the TitledBorder object

### createTitledBorder

public static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) **createTitledBorder**([Border](http://docs.google.com/javax/swing/border/Border.html) border,  
 [String](http://docs.google.com/java/lang/String.html) title)

Adds a title to an existing border, with default positioning (sitting on the top line), default justification (leading) and the default font and text color (determined by the current look and feel).

**Parameters:**border - the Border object to add the title totitle - a String containing the text of the title **Returns:**the TitledBorder object

### createTitledBorder

public static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) **createTitledBorder**([Border](http://docs.google.com/javax/swing/border/Border.html) border,  
 [String](http://docs.google.com/java/lang/String.html) title,  
 int titleJustification,  
 int titlePosition)

Adds a title to an existing border, with the specified positioning and using the default font and text color (determined by the current look and feel).

**Parameters:**border - the Border object to add the title totitle - a String containing the text of the titletitleJustification - an integer specifying the justification of the title -- one of the following:

* TitledBorder.LEFT
* TitledBorder.CENTER
* TitledBorder.RIGHT
* TitledBorder.LEADING
* TitledBorder.TRAILING
* TitledBorder.DEFAULT\_JUSTIFICATION (leading)

titlePosition - an integer specifying the vertical position of the text in relation to the border -- one of the following:

* TitledBorder.ABOVE\_TOP
* TitledBorder.TOP (sitting on the top line)
* TitledBorder.BELOW\_TOP
* TitledBorder.ABOVE\_BOTTOM
* TitledBorder.BOTTOM (sitting on the bottom line)
* TitledBorder.BELOW\_BOTTOM
* TitledBorder.DEFAULT\_POSITION (top)

**Returns:**the TitledBorder object

### createTitledBorder

public static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) **createTitledBorder**([Border](http://docs.google.com/javax/swing/border/Border.html) border,  
 [String](http://docs.google.com/java/lang/String.html) title,  
 int titleJustification,  
 int titlePosition,  
 [Font](http://docs.google.com/java/awt/Font.html) titleFont)

Adds a title to an existing border, with the specified positioning and font, and using the default text color (determined by the current look and feel).

**Parameters:**border - the Border object to add the title totitle - a String containing the text of the titletitleJustification - an integer specifying the justification of the title -- one of the following:

* TitledBorder.LEFT
* TitledBorder.CENTER
* TitledBorder.RIGHT
* TitledBorder.LEADING
* TitledBorder.TRAILING
* TitledBorder.DEFAULT\_JUSTIFICATION (leading)

titlePosition - an integer specifying the vertical position of the text in relation to the border -- one of the following:

* TitledBorder.ABOVE\_TOP
* TitledBorder.TOP (sitting on the top line)
* TitledBorder.BELOW\_TOP
* TitledBorder.ABOVE\_BOTTOM
* TitledBorder.BOTTOM (sitting on the bottom line)
* TitledBorder.BELOW\_BOTTOM
* TitledBorder.DEFAULT\_POSITION (top)

titleFont - a Font object specifying the title font **Returns:**the TitledBorder object

### createTitledBorder

public static [TitledBorder](http://docs.google.com/javax/swing/border/TitledBorder.html) **createTitledBorder**([Border](http://docs.google.com/javax/swing/border/Border.html) border,  
 [String](http://docs.google.com/java/lang/String.html) title,  
 int titleJustification,  
 int titlePosition,  
 [Font](http://docs.google.com/java/awt/Font.html) titleFont,  
 [Color](http://docs.google.com/java/awt/Color.html) titleColor)

Adds a title to an existing border, with the specified positioning, font and color.

**Parameters:**border - the Border object to add the title totitle - a String containing the text of the titletitleJustification - an integer specifying the justification of the title -- one of the following:

* TitledBorder.LEFT
* TitledBorder.CENTER
* TitledBorder.RIGHT
* TitledBorder.LEADING
* TitledBorder.TRAILING
* TitledBorder.DEFAULT\_JUSTIFICATION (leading)

titlePosition - an integer specifying the vertical position of the text in relation to the border -- one of the following:

* TitledBorder.ABOVE\_TOP
* TitledBorder.TOP (sitting on the top line)
* TitledBorder.BELOW\_TOP
* TitledBorder.ABOVE\_BOTTOM
* TitledBorder.BOTTOM (sitting on the bottom line)
* TitledBorder.BELOW\_BOTTOM
* TitledBorder.DEFAULT\_POSITION (top)

titleFont - a Font object specifying the title fonttitleColor - a Color object specifying the title color **Returns:**the TitledBorder object

### createEmptyBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createEmptyBorder**()

Creates an empty border that takes up no space. (The width of the top, bottom, left, and right sides are all zero.)

**Returns:**the Border object

### createEmptyBorder

public static [Border](http://docs.google.com/javax/swing/border/Border.html) **createEmptyBorder**(int top,  
 int left,  
 int bottom,  
 int right)

Creates an empty border that takes up space but which does no drawing, specifying the width of the top, left, bottom, and right sides.

**Parameters:**top - an integer specifying the width of the top, in pixelsleft - an integer specifying the width of the left side, in pixelsbottom - an integer specifying the width of the bottom, in pixelsright - an integer specifying the width of the right side, in pixels **Returns:**the Border object

### createCompoundBorder

public static [CompoundBorder](http://docs.google.com/javax/swing/border/CompoundBorder.html) **createCompoundBorder**()

Creates a compound border with a null inside edge and a null outside edge.

**Returns:**the CompoundBorder object

### createCompoundBorder

public static [CompoundBorder](http://docs.google.com/javax/swing/border/CompoundBorder.html) **createCompoundBorder**([Border](http://docs.google.com/javax/swing/border/Border.html) outsideBorder,  
 [Border](http://docs.google.com/javax/swing/border/Border.html) insideBorder)

Creates a compound border specifying the border objects to use for the outside and inside edges.

**Parameters:**outsideBorder - a Border object for the outer edge of the compound borderinsideBorder - a Border object for the inner edge of the compound border **Returns:**the CompoundBorder object

### createMatteBorder

public static [MatteBorder](http://docs.google.com/javax/swing/border/MatteBorder.html) **createMatteBorder**(int top,  
 int left,  
 int bottom,  
 int right,  
 [Color](http://docs.google.com/java/awt/Color.html) color)

Creates a matte-look border using a solid color. (The difference between this border and a line border is that you can specify the individual border dimensions.)

**Parameters:**top - an integer specifying the width of the top, in pixelsleft - an integer specifying the width of the left side, in pixelsbottom - an integer specifying the width of the right side, in pixelsright - an integer specifying the width of the bottom, in pixelscolor - a Color to use for the border **Returns:**the MatteBorder object

### createMatteBorder

public static [MatteBorder](http://docs.google.com/javax/swing/border/MatteBorder.html) **createMatteBorder**(int top,  
 int left,  
 int bottom,  
 int right,  
 [Icon](http://docs.google.com/javax/swing/Icon.html) tileIcon)

Creates a matte-look border that consists of multiple tiles of a specified icon. Multiple copies of the icon are placed side-by-side to fill up the border area.

Note:

If the icon doesn't load, the border area is painted gray.

**Parameters:**top - an integer specifying the width of the top, in pixelsleft - an integer specifying the width of the left side, in pixelsbottom - an integer specifying the width of the right side, in pixelsright - an integer specifying the width of the bottom, in pixelstileIcon - the Icon object used for the border tiles **Returns:**the MatteBorder object

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BorderFactory.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/swing/ActionMap.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/BoundedRangeModel.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/BorderFactory.html)    [**NO FRAMES**](http://docs.google.com/BorderFactory.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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