| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SystemColor.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/java/awt/Stroke.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/SystemTray.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/SystemColor.html)    [**NO FRAMES**](http://docs.google.com/SystemColor.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#2s8eyo1) | CONSTR | [METHOD](#4bvk7pj) |

## **java.awt**

Class SystemColor

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.awt.Color](http://docs.google.com/java/awt/Color.html)  
 **java.awt.SystemColor**

**All Implemented Interfaces:** [Paint](http://docs.google.com/java/awt/Paint.html), [Transparency](http://docs.google.com/java/awt/Transparency.html), [Serializable](http://docs.google.com/java/io/Serializable.html)

public final class **SystemColor**extends [Color](http://docs.google.com/java/awt/Color.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html)

A class to encapsulate symbolic colors representing the color of native GUI objects on a system. For systems which support the dynamic update of the system colors (when the user changes the colors) the actual RGB values of these symbolic colors will also change dynamically. In order to compare the "current" RGB value of a SystemColor object with a non-symbolic Color object, getRGB should be used rather than equals.

Note that the way in which these system colors are applied to GUI objects may vary slightly from platform to platform since GUI objects may be rendered differently on each platform.

System color values may also be available through the getDesktopProperty method on java.awt.Toolkit.

**See Also:**[Toolkit.getDesktopProperty(java.lang.String)](http://docs.google.com/java/awt/Toolkit.html#getDesktopProperty(java.lang.String)), [Serialized Form](http://docs.google.com/serialized-form.html#java.awt.SystemColor)

| **Field Summary** | |
| --- | --- |
| static int | [**ACTIVE\_CAPTION**](http://docs.google.com/java/awt/SystemColor.html#ACTIVE_CAPTION)            The array index for the [activeCaption](http://docs.google.com/java/awt/SystemColor.html#activeCaption) system color. |
| static int | [**ACTIVE\_CAPTION\_BORDER**](http://docs.google.com/java/awt/SystemColor.html#ACTIVE_CAPTION_BORDER)            The array index for the [activeCaptionBorder](http://docs.google.com/java/awt/SystemColor.html#activeCaptionBorder) system color. |
| static int | [**ACTIVE\_CAPTION\_TEXT**](http://docs.google.com/java/awt/SystemColor.html#ACTIVE_CAPTION_TEXT)            The array index for the [activeCaptionText](http://docs.google.com/java/awt/SystemColor.html#activeCaptionText) system color. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**activeCaption**](http://docs.google.com/java/awt/SystemColor.html#activeCaption)            The color rendered for the window-title background of the currently active window. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**activeCaptionBorder**](http://docs.google.com/java/awt/SystemColor.html#activeCaptionBorder)            The color rendered for the border around the currently active window. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**activeCaptionText**](http://docs.google.com/java/awt/SystemColor.html#activeCaptionText)            The color rendered for the window-title text of the currently active window. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**control**](http://docs.google.com/java/awt/SystemColor.html#control)            The color rendered for the background of control panels and control objects, such as pushbuttons. |
| static int | [**CONTROL**](http://docs.google.com/java/awt/SystemColor.html#CONTROL)            The array index for the [control](http://docs.google.com/java/awt/SystemColor.html#control) system color. |
| static int | [**CONTROL\_DK\_SHADOW**](http://docs.google.com/java/awt/SystemColor.html#CONTROL_DK_SHADOW)            The array index for the [controlDkShadow](http://docs.google.com/java/awt/SystemColor.html#controlDkShadow) system color. |
| static int | [**CONTROL\_HIGHLIGHT**](http://docs.google.com/java/awt/SystemColor.html#CONTROL_HIGHLIGHT)            The array index for the [controlHighlight](http://docs.google.com/java/awt/SystemColor.html#controlHighlight) system color. |
| static int | [**CONTROL\_LT\_HIGHLIGHT**](http://docs.google.com/java/awt/SystemColor.html#CONTROL_LT_HIGHLIGHT)            The array index for the [controlLtHighlight](http://docs.google.com/java/awt/SystemColor.html#controlLtHighlight) system color. |
| static int | [**CONTROL\_SHADOW**](http://docs.google.com/java/awt/SystemColor.html#CONTROL_SHADOW)            The array index for the [controlShadow](http://docs.google.com/java/awt/SystemColor.html#controlShadow) system color. |
| static int | [**CONTROL\_TEXT**](http://docs.google.com/java/awt/SystemColor.html#CONTROL_TEXT)            The array index for the [controlText](http://docs.google.com/java/awt/SystemColor.html#controlText) system color. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**controlDkShadow**](http://docs.google.com/java/awt/SystemColor.html#controlDkShadow)            The color rendered for dark shadow areas on 3D control objects, such as pushbuttons. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**controlHighlight**](http://docs.google.com/java/awt/SystemColor.html#controlHighlight)            The color rendered for light areas of 3D control objects, such as pushbuttons. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**controlLtHighlight**](http://docs.google.com/java/awt/SystemColor.html#controlLtHighlight)            The color rendered for highlight areas of 3D control objects, such as pushbuttons. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**controlShadow**](http://docs.google.com/java/awt/SystemColor.html#controlShadow)            The color rendered for shadow areas of 3D control objects, such as pushbuttons. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**controlText**](http://docs.google.com/java/awt/SystemColor.html#controlText)            The color rendered for the text of control panels and control objects, such as pushbuttons. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**desktop**](http://docs.google.com/java/awt/SystemColor.html#desktop)            The color rendered for the background of the desktop. |
| static int | [**DESKTOP**](http://docs.google.com/java/awt/SystemColor.html#DESKTOP)            The array index for the [desktop](http://docs.google.com/java/awt/SystemColor.html#desktop) system color. |
| static int | [**INACTIVE\_CAPTION**](http://docs.google.com/java/awt/SystemColor.html#INACTIVE_CAPTION)            The array index for the [inactiveCaption](http://docs.google.com/java/awt/SystemColor.html#inactiveCaption) system color. |
| static int | [**INACTIVE\_CAPTION\_BORDER**](http://docs.google.com/java/awt/SystemColor.html#INACTIVE_CAPTION_BORDER)            The array index for the [inactiveCaptionBorder](http://docs.google.com/java/awt/SystemColor.html#inactiveCaptionBorder) system color. |
| static int | [**INACTIVE\_CAPTION\_TEXT**](http://docs.google.com/java/awt/SystemColor.html#INACTIVE_CAPTION_TEXT)            The array index for the [inactiveCaptionText](http://docs.google.com/java/awt/SystemColor.html#inactiveCaptionText) system color. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**inactiveCaption**](http://docs.google.com/java/awt/SystemColor.html#inactiveCaption)            The color rendered for the window-title background of inactive windows. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**inactiveCaptionBorder**](http://docs.google.com/java/awt/SystemColor.html#inactiveCaptionBorder)            The color rendered for the border around inactive windows. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**inactiveCaptionText**](http://docs.google.com/java/awt/SystemColor.html#inactiveCaptionText)            The color rendered for the window-title text of inactive windows. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**info**](http://docs.google.com/java/awt/SystemColor.html#info)            The color rendered for the background of tooltips or spot help. |
| static int | [**INFO**](http://docs.google.com/java/awt/SystemColor.html#INFO)            The array index for the [info](http://docs.google.com/java/awt/SystemColor.html#info) system color. |
| static int | [**INFO\_TEXT**](http://docs.google.com/java/awt/SystemColor.html#INFO_TEXT)            The array index for the [infoText](http://docs.google.com/java/awt/SystemColor.html#infoText) system color. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**infoText**](http://docs.google.com/java/awt/SystemColor.html#infoText)            The color rendered for the text of tooltips or spot help. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**menu**](http://docs.google.com/java/awt/SystemColor.html#menu)            The color rendered for the background of menus. |
| static int | [**MENU**](http://docs.google.com/java/awt/SystemColor.html#MENU)            The array index for the [menu](http://docs.google.com/java/awt/SystemColor.html#menu) system color. |
| static int | [**MENU\_TEXT**](http://docs.google.com/java/awt/SystemColor.html#MENU_TEXT)            The array index for the [menuText](http://docs.google.com/java/awt/SystemColor.html#menuText) system color. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**menuText**](http://docs.google.com/java/awt/SystemColor.html#menuText)            The color rendered for the text of menus. |
| static int | [**NUM\_COLORS**](http://docs.google.com/java/awt/SystemColor.html#NUM_COLORS)            The number of system colors in the array. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**scrollbar**](http://docs.google.com/java/awt/SystemColor.html#scrollbar)            The color rendered for the background of scrollbars. |
| static int | [**SCROLLBAR**](http://docs.google.com/java/awt/SystemColor.html#SCROLLBAR)            The array index for the [scrollbar](http://docs.google.com/java/awt/SystemColor.html#scrollbar) system color. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**text**](http://docs.google.com/java/awt/SystemColor.html#text)            The color rendered for the background of text control objects, such as textfields and comboboxes. |
| static int | [**TEXT**](http://docs.google.com/java/awt/SystemColor.html#TEXT)            The array index for the [text](http://docs.google.com/java/awt/SystemColor.html#text) system color. |
| static int | [**TEXT\_HIGHLIGHT**](http://docs.google.com/java/awt/SystemColor.html#TEXT_HIGHLIGHT)            The array index for the [textHighlight](http://docs.google.com/java/awt/SystemColor.html#textHighlight) system color. |
| static int | [**TEXT\_HIGHLIGHT\_TEXT**](http://docs.google.com/java/awt/SystemColor.html#TEXT_HIGHLIGHT_TEXT)            The array index for the [textHighlightText](http://docs.google.com/java/awt/SystemColor.html#textHighlightText) system color. |
| static int | [**TEXT\_INACTIVE\_TEXT**](http://docs.google.com/java/awt/SystemColor.html#TEXT_INACTIVE_TEXT)            The array index for the [textInactiveText](http://docs.google.com/java/awt/SystemColor.html#textInactiveText) system color. |
| static int | [**TEXT\_TEXT**](http://docs.google.com/java/awt/SystemColor.html#TEXT_TEXT)            The array index for the [textText](http://docs.google.com/java/awt/SystemColor.html#textText) system color. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**textHighlight**](http://docs.google.com/java/awt/SystemColor.html#textHighlight)            The color rendered for the background of selected items, such as in menus, comboboxes, and text. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**textHighlightText**](http://docs.google.com/java/awt/SystemColor.html#textHighlightText)            The color rendered for the text of selected items, such as in menus, comboboxes, and text. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**textInactiveText**](http://docs.google.com/java/awt/SystemColor.html#textInactiveText)            The color rendered for the text of inactive items, such as in menus. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**textText**](http://docs.google.com/java/awt/SystemColor.html#textText)            The color rendered for the text of text control objects, such as textfields and comboboxes. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**window**](http://docs.google.com/java/awt/SystemColor.html#window)            The color rendered for the background of interior regions inside windows. |
| static int | [**WINDOW**](http://docs.google.com/java/awt/SystemColor.html#WINDOW)            The array index for the [window](http://docs.google.com/java/awt/SystemColor.html#window) system color. |
| static int | [**WINDOW\_BORDER**](http://docs.google.com/java/awt/SystemColor.html#WINDOW_BORDER)            The array index for the [windowBorder](http://docs.google.com/java/awt/SystemColor.html#windowBorder) system color. |
| static int | [**WINDOW\_TEXT**](http://docs.google.com/java/awt/SystemColor.html#WINDOW_TEXT)            The array index for the [windowText](http://docs.google.com/java/awt/SystemColor.html#windowText) system color. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**windowBorder**](http://docs.google.com/java/awt/SystemColor.html#windowBorder)            The color rendered for the border around interior regions inside windows. |
| static [SystemColor](http://docs.google.com/java/awt/SystemColor.html) | [**windowText**](http://docs.google.com/java/awt/SystemColor.html#windowText)            The color rendered for text of interior regions inside windows. |

| **Fields inherited from class java.awt.**[**Color**](http://docs.google.com/java/awt/Color.html) |
| --- |
| [black](http://docs.google.com/java/awt/Color.html#black), [BLACK](http://docs.google.com/java/awt/Color.html#BLACK), [blue](http://docs.google.com/java/awt/Color.html#blue), [BLUE](http://docs.google.com/java/awt/Color.html#BLUE), [cyan](http://docs.google.com/java/awt/Color.html#cyan), [CYAN](http://docs.google.com/java/awt/Color.html#CYAN), [DARK\_GRAY](http://docs.google.com/java/awt/Color.html#DARK_GRAY), [darkGray](http://docs.google.com/java/awt/Color.html#darkGray), [gray](http://docs.google.com/java/awt/Color.html#gray), [GRAY](http://docs.google.com/java/awt/Color.html#GRAY), [green](http://docs.google.com/java/awt/Color.html#green), [GREEN](http://docs.google.com/java/awt/Color.html#GREEN), [LIGHT\_GRAY](http://docs.google.com/java/awt/Color.html#LIGHT_GRAY), [lightGray](http://docs.google.com/java/awt/Color.html#lightGray), [magenta](http://docs.google.com/java/awt/Color.html#magenta), [MAGENTA](http://docs.google.com/java/awt/Color.html#MAGENTA), [orange](http://docs.google.com/java/awt/Color.html#orange), [ORANGE](http://docs.google.com/java/awt/Color.html#ORANGE), [pink](http://docs.google.com/java/awt/Color.html#pink), [PINK](http://docs.google.com/java/awt/Color.html#PINK), [red](http://docs.google.com/java/awt/Color.html#red), [RED](http://docs.google.com/java/awt/Color.html#RED), [white](http://docs.google.com/java/awt/Color.html#white), [WHITE](http://docs.google.com/java/awt/Color.html#WHITE), [yellow](http://docs.google.com/java/awt/Color.html#yellow), [YELLOW](http://docs.google.com/java/awt/Color.html#YELLOW) |

| **Fields inherited from interface java.awt.**[**Transparency**](http://docs.google.com/java/awt/Transparency.html) |
| --- |
| [BITMASK](http://docs.google.com/java/awt/Transparency.html#BITMASK), [OPAQUE](http://docs.google.com/java/awt/Transparency.html#OPAQUE), [TRANSLUCENT](http://docs.google.com/java/awt/Transparency.html#TRANSLUCENT) |

| **Method Summary** | |
| --- | --- |
| [PaintContext](http://docs.google.com/java/awt/PaintContext.html) | [**createContext**](http://docs.google.com/java/awt/SystemColor.html#createContext(java.awt.image.ColorModel,%20java.awt.Rectangle,%20java.awt.geom.Rectangle2D,%20java.awt.geom.AffineTransform,%20java.awt.RenderingHints))([ColorModel](http://docs.google.com/java/awt/image/ColorModel.html) cm, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) r, [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) r2d, [AffineTransform](http://docs.google.com/java/awt/geom/AffineTransform.html) xform, [RenderingHints](http://docs.google.com/java/awt/RenderingHints.html) hints)            Creates and returns a PaintContext used to generate a solid color pattern. |
| int | [**getRGB**](http://docs.google.com/java/awt/SystemColor.html#getRGB())()            Gets the "current" RGB value representing the symbolic color. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/awt/SystemColor.html#toString())()            Returns a string representation of this Color's values. |

| **Methods inherited from class java.awt.**[**Color**](http://docs.google.com/java/awt/Color.html) |
| --- |
| [brighter](http://docs.google.com/java/awt/Color.html#brighter()), [darker](http://docs.google.com/java/awt/Color.html#darker()), [decode](http://docs.google.com/java/awt/Color.html#decode(java.lang.String)), [equals](http://docs.google.com/java/awt/Color.html#equals(java.lang.Object)), [getAlpha](http://docs.google.com/java/awt/Color.html#getAlpha()), [getBlue](http://docs.google.com/java/awt/Color.html#getBlue()), [getColor](http://docs.google.com/java/awt/Color.html#getColor(java.lang.String)), [getColor](http://docs.google.com/java/awt/Color.html#getColor(java.lang.String,%20java.awt.Color)), [getColor](http://docs.google.com/java/awt/Color.html#getColor(java.lang.String,%20int)), [getColorComponents](http://docs.google.com/java/awt/Color.html#getColorComponents(java.awt.color.ColorSpace,%20float%5B%5D)), [getColorComponents](http://docs.google.com/java/awt/Color.html#getColorComponents(float%5B%5D)), [getColorSpace](http://docs.google.com/java/awt/Color.html#getColorSpace()), [getComponents](http://docs.google.com/java/awt/Color.html#getComponents(java.awt.color.ColorSpace,%20float%5B%5D)), [getComponents](http://docs.google.com/java/awt/Color.html#getComponents(float%5B%5D)), [getGreen](http://docs.google.com/java/awt/Color.html#getGreen()), [getHSBColor](http://docs.google.com/java/awt/Color.html#getHSBColor(float,%20float,%20float)), [getRed](http://docs.google.com/java/awt/Color.html#getRed()), [getRGBColorComponents](http://docs.google.com/java/awt/Color.html#getRGBColorComponents(float%5B%5D)), [getRGBComponents](http://docs.google.com/java/awt/Color.html#getRGBComponents(float%5B%5D)), [getTransparency](http://docs.google.com/java/awt/Color.html#getTransparency()), [hashCode](http://docs.google.com/java/awt/Color.html#hashCode()), [HSBtoRGB](http://docs.google.com/java/awt/Color.html#HSBtoRGB(float,%20float,%20float)), [RGBtoHSB](http://docs.google.com/java/awt/Color.html#RGBtoHSB(int,%20int,%20int,%20float%5B%5D)) |

| **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()), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [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)) |

| **Field Detail** |
| --- |

### DESKTOP

public static final int **DESKTOP**

The array index for the [desktop](http://docs.google.com/java/awt/SystemColor.html#desktop) system color.

**See Also:**[desktop](http://docs.google.com/java/awt/SystemColor.html#desktop), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.DESKTOP)

### ACTIVE\_CAPTION

public static final int **ACTIVE\_CAPTION**

The array index for the [activeCaption](http://docs.google.com/java/awt/SystemColor.html#activeCaption) system color.

**See Also:**[activeCaption](http://docs.google.com/java/awt/SystemColor.html#activeCaption), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.ACTIVE_CAPTION)

### ACTIVE\_CAPTION\_TEXT

public static final int **ACTIVE\_CAPTION\_TEXT**

The array index for the [activeCaptionText](http://docs.google.com/java/awt/SystemColor.html#activeCaptionText) system color.

**See Also:**[activeCaptionText](http://docs.google.com/java/awt/SystemColor.html#activeCaptionText), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.ACTIVE_CAPTION_TEXT)

### ACTIVE\_CAPTION\_BORDER

public static final int **ACTIVE\_CAPTION\_BORDER**

The array index for the [activeCaptionBorder](http://docs.google.com/java/awt/SystemColor.html#activeCaptionBorder) system color.

**See Also:**[activeCaptionBorder](http://docs.google.com/java/awt/SystemColor.html#activeCaptionBorder), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.ACTIVE_CAPTION_BORDER)

### INACTIVE\_CAPTION

public static final int **INACTIVE\_CAPTION**

The array index for the [inactiveCaption](http://docs.google.com/java/awt/SystemColor.html#inactiveCaption) system color.

**See Also:**[inactiveCaption](http://docs.google.com/java/awt/SystemColor.html#inactiveCaption), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.INACTIVE_CAPTION)

### INACTIVE\_CAPTION\_TEXT

public static final int **INACTIVE\_CAPTION\_TEXT**

The array index for the [inactiveCaptionText](http://docs.google.com/java/awt/SystemColor.html#inactiveCaptionText) system color.

**See Also:**[inactiveCaptionText](http://docs.google.com/java/awt/SystemColor.html#inactiveCaptionText), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.INACTIVE_CAPTION_TEXT)

### INACTIVE\_CAPTION\_BORDER

public static final int **INACTIVE\_CAPTION\_BORDER**

The array index for the [inactiveCaptionBorder](http://docs.google.com/java/awt/SystemColor.html#inactiveCaptionBorder) system color.

**See Also:**[inactiveCaptionBorder](http://docs.google.com/java/awt/SystemColor.html#inactiveCaptionBorder), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.INACTIVE_CAPTION_BORDER)

### WINDOW

public static final int **WINDOW**

The array index for the [window](http://docs.google.com/java/awt/SystemColor.html#window) system color.

**See Also:**[window](http://docs.google.com/java/awt/SystemColor.html#window), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.WINDOW)

### WINDOW\_BORDER

public static final int **WINDOW\_BORDER**

The array index for the [windowBorder](http://docs.google.com/java/awt/SystemColor.html#windowBorder) system color.

**See Also:**[windowBorder](http://docs.google.com/java/awt/SystemColor.html#windowBorder), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.WINDOW_BORDER)

### WINDOW\_TEXT

public static final int **WINDOW\_TEXT**

The array index for the [windowText](http://docs.google.com/java/awt/SystemColor.html#windowText) system color.

**See Also:**[windowText](http://docs.google.com/java/awt/SystemColor.html#windowText), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.WINDOW_TEXT)

### MENU

public static final int **MENU**

The array index for the [menu](http://docs.google.com/java/awt/SystemColor.html#menu) system color.

**See Also:**[menu](http://docs.google.com/java/awt/SystemColor.html#menu), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.MENU)

### MENU\_TEXT

public static final int **MENU\_TEXT**

The array index for the [menuText](http://docs.google.com/java/awt/SystemColor.html#menuText) system color.

**See Also:**[menuText](http://docs.google.com/java/awt/SystemColor.html#menuText), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.MENU_TEXT)

### TEXT

public static final int **TEXT**

The array index for the [text](http://docs.google.com/java/awt/SystemColor.html#text) system color.

**See Also:**[text](http://docs.google.com/java/awt/SystemColor.html#text), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.TEXT)

### TEXT\_TEXT

public static final int **TEXT\_TEXT**

The array index for the [textText](http://docs.google.com/java/awt/SystemColor.html#textText) system color.

**See Also:**[textText](http://docs.google.com/java/awt/SystemColor.html#textText), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.TEXT_TEXT)

### TEXT\_HIGHLIGHT

public static final int **TEXT\_HIGHLIGHT**

The array index for the [textHighlight](http://docs.google.com/java/awt/SystemColor.html#textHighlight) system color.

**See Also:**[textHighlight](http://docs.google.com/java/awt/SystemColor.html#textHighlight), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.TEXT_HIGHLIGHT)

### TEXT\_HIGHLIGHT\_TEXT

public static final int **TEXT\_HIGHLIGHT\_TEXT**

The array index for the [textHighlightText](http://docs.google.com/java/awt/SystemColor.html#textHighlightText) system color.

**See Also:**[textHighlightText](http://docs.google.com/java/awt/SystemColor.html#textHighlightText), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.TEXT_HIGHLIGHT_TEXT)

### TEXT\_INACTIVE\_TEXT

public static final int **TEXT\_INACTIVE\_TEXT**

The array index for the [textInactiveText](http://docs.google.com/java/awt/SystemColor.html#textInactiveText) system color.

**See Also:**[textInactiveText](http://docs.google.com/java/awt/SystemColor.html#textInactiveText), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.TEXT_INACTIVE_TEXT)

### CONTROL

public static final int **CONTROL**

The array index for the [control](http://docs.google.com/java/awt/SystemColor.html#control) system color.

**See Also:**[control](http://docs.google.com/java/awt/SystemColor.html#control), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.CONTROL)

### CONTROL\_TEXT

public static final int **CONTROL\_TEXT**

The array index for the [controlText](http://docs.google.com/java/awt/SystemColor.html#controlText) system color.

**See Also:**[controlText](http://docs.google.com/java/awt/SystemColor.html#controlText), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.CONTROL_TEXT)

### CONTROL\_HIGHLIGHT

public static final int **CONTROL\_HIGHLIGHT**

The array index for the [controlHighlight](http://docs.google.com/java/awt/SystemColor.html#controlHighlight) system color.

**See Also:**[controlHighlight](http://docs.google.com/java/awt/SystemColor.html#controlHighlight), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.CONTROL_HIGHLIGHT)

### CONTROL\_LT\_HIGHLIGHT

public static final int **CONTROL\_LT\_HIGHLIGHT**

The array index for the [controlLtHighlight](http://docs.google.com/java/awt/SystemColor.html#controlLtHighlight) system color.

**See Also:**[controlLtHighlight](http://docs.google.com/java/awt/SystemColor.html#controlLtHighlight), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.CONTROL_LT_HIGHLIGHT)

### CONTROL\_SHADOW

public static final int **CONTROL\_SHADOW**

The array index for the [controlShadow](http://docs.google.com/java/awt/SystemColor.html#controlShadow) system color.

**See Also:**[controlShadow](http://docs.google.com/java/awt/SystemColor.html#controlShadow), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.CONTROL_SHADOW)

### CONTROL\_DK\_SHADOW

public static final int **CONTROL\_DK\_SHADOW**

The array index for the [controlDkShadow](http://docs.google.com/java/awt/SystemColor.html#controlDkShadow) system color.

**See Also:**[controlDkShadow](http://docs.google.com/java/awt/SystemColor.html#controlDkShadow), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.CONTROL_DK_SHADOW)

### SCROLLBAR

public static final int **SCROLLBAR**

The array index for the [scrollbar](http://docs.google.com/java/awt/SystemColor.html#scrollbar) system color.

**See Also:**[scrollbar](http://docs.google.com/java/awt/SystemColor.html#scrollbar), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.SCROLLBAR)

### INFO

public static final int **INFO**

The array index for the [info](http://docs.google.com/java/awt/SystemColor.html#info) system color.

**See Also:**[info](http://docs.google.com/java/awt/SystemColor.html#info), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.INFO)

### INFO\_TEXT

public static final int **INFO\_TEXT**

The array index for the [infoText](http://docs.google.com/java/awt/SystemColor.html#infoText) system color.

**See Also:**[infoText](http://docs.google.com/java/awt/SystemColor.html#infoText), [Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.INFO_TEXT)

### NUM\_COLORS

public static final int **NUM\_COLORS**

The number of system colors in the array.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.awt.SystemColor.NUM_COLORS)

### desktop

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **desktop**

The color rendered for the background of the desktop.

### activeCaption

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **activeCaption**

The color rendered for the window-title background of the currently active window.

### activeCaptionText

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **activeCaptionText**

The color rendered for the window-title text of the currently active window.

### activeCaptionBorder

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **activeCaptionBorder**

The color rendered for the border around the currently active window.

### inactiveCaption

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **inactiveCaption**

The color rendered for the window-title background of inactive windows.

### inactiveCaptionText

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **inactiveCaptionText**

The color rendered for the window-title text of inactive windows.

### inactiveCaptionBorder

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **inactiveCaptionBorder**

The color rendered for the border around inactive windows.

### window

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **window**

The color rendered for the background of interior regions inside windows.

### windowBorder

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **windowBorder**

The color rendered for the border around interior regions inside windows.

### windowText

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **windowText**

The color rendered for text of interior regions inside windows.

### menu

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **menu**

The color rendered for the background of menus.

### menuText

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **menuText**

The color rendered for the text of menus.

### text

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **text**

The color rendered for the background of text control objects, such as textfields and comboboxes.

### textText

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **textText**

The color rendered for the text of text control objects, such as textfields and comboboxes.

### textHighlight

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **textHighlight**

The color rendered for the background of selected items, such as in menus, comboboxes, and text.

### textHighlightText

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **textHighlightText**

The color rendered for the text of selected items, such as in menus, comboboxes, and text.

### textInactiveText

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **textInactiveText**

The color rendered for the text of inactive items, such as in menus.

### control

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **control**

The color rendered for the background of control panels and control objects, such as pushbuttons.

### controlText

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **controlText**

The color rendered for the text of control panels and control objects, such as pushbuttons.

### controlHighlight

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **controlHighlight**

The color rendered for light areas of 3D control objects, such as pushbuttons. This color is typically derived from the control background color to provide a 3D effect.

### controlLtHighlight

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **controlLtHighlight**

The color rendered for highlight areas of 3D control objects, such as pushbuttons. This color is typically derived from the control background color to provide a 3D effect.

### controlShadow

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **controlShadow**

The color rendered for shadow areas of 3D control objects, such as pushbuttons. This color is typically derived from the control background color to provide a 3D effect.

### controlDkShadow

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **controlDkShadow**

The color rendered for dark shadow areas on 3D control objects, such as pushbuttons. This color is typically derived from the control background color to provide a 3D effect.

### scrollbar

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **scrollbar**

The color rendered for the background of scrollbars.

### info

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **info**

The color rendered for the background of tooltips or spot help.

### infoText

public static final [SystemColor](http://docs.google.com/java/awt/SystemColor.html) **infoText**

The color rendered for the text of tooltips or spot help.

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

### getRGB

public int **getRGB**()

Gets the "current" RGB value representing the symbolic color. (Bits 24-31 are 0xff, 16-23 are red, 8-15 are green, 0-7 are blue).

**Overrides:**[getRGB](http://docs.google.com/java/awt/Color.html#getRGB()) in class [Color](http://docs.google.com/java/awt/Color.html) **Returns:**the RGB value of the color in the default sRGB ColorModel.**See Also:**[ColorModel.getRGBdefault()](http://docs.google.com/java/awt/image/ColorModel.html#getRGBdefault()), [Color.getBlue()](http://docs.google.com/java/awt/Color.html#getBlue()), [Color.getGreen()](http://docs.google.com/java/awt/Color.html#getGreen()), [Color.getRed()](http://docs.google.com/java/awt/Color.html#getRed())

### createContext

public [PaintContext](http://docs.google.com/java/awt/PaintContext.html) **createContext**([ColorModel](http://docs.google.com/java/awt/image/ColorModel.html) cm,  
 [Rectangle](http://docs.google.com/java/awt/Rectangle.html) r,  
 [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html) r2d,  
 [AffineTransform](http://docs.google.com/java/awt/geom/AffineTransform.html) xform,  
 [RenderingHints](http://docs.google.com/java/awt/RenderingHints.html) hints)

Creates and returns a PaintContext used to generate a solid color pattern. This enables a Color object to be used as an argument to any method requiring an object implementing the Paint interface.

**Specified by:**[createContext](http://docs.google.com/java/awt/Paint.html#createContext(java.awt.image.ColorModel,%20java.awt.Rectangle,%20java.awt.geom.Rectangle2D,%20java.awt.geom.AffineTransform,%20java.awt.RenderingHints)) in interface [Paint](http://docs.google.com/java/awt/Paint.html)**Overrides:**[createContext](http://docs.google.com/java/awt/Color.html#createContext(java.awt.image.ColorModel,%20java.awt.Rectangle,%20java.awt.geom.Rectangle2D,%20java.awt.geom.AffineTransform,%20java.awt.RenderingHints)) in class [Color](http://docs.google.com/java/awt/Color.html) **Parameters:**cm - the specified ColorModelr - the specified [Rectangle](http://docs.google.com/java/awt/Rectangle.html)r2d - the specified [Rectangle2D](http://docs.google.com/java/awt/geom/Rectangle2D.html)xform - the specified [AffineTransform](http://docs.google.com/java/awt/geom/AffineTransform.html)hints - the specified [RenderingHints](http://docs.google.com/java/awt/RenderingHints.html) **Returns:**a PaintContext that is used to generate a solid color pattern.**See Also:**[Paint](http://docs.google.com/java/awt/Paint.html), [PaintContext](http://docs.google.com/java/awt/PaintContext.html), [Graphics2D.setPaint(java.awt.Paint)](http://docs.google.com/java/awt/Graphics2D.html#setPaint(java.awt.Paint))

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Returns a string representation of this Color's values. This method is intended to be used only for debugging purposes, and the content and format of the returned string may vary between implementations. The returned string may be empty but may not be null.

**Overrides:**[toString](http://docs.google.com/java/awt/Color.html#toString()) in class [Color](http://docs.google.com/java/awt/Color.html) **Returns:**a string representation of this Color

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SystemColor.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/java/awt/Stroke.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/SystemTray.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/SystemColor.html)    [**NO FRAMES**](http://docs.google.com/SystemColor.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#2s8eyo1) | CONSTR | [METHOD](#4bvk7pj) |

[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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