| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Transparency.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt//class-useTransparency.html)    [**NO FRAMES**](http://docs.google.com/Transparency.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.awt.Transparency**

| Packages that use [Transparency](http://docs.google.com/java/awt/Transparency.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.image**](#2et92p0) | Provides classes for creating and modifying images. |
| [**javax.swing.plaf**](#tyjcwt) | Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities. |

| Uses of [Transparency](http://docs.google.com/java/awt/Transparency.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |

| Subinterfaces of [Transparency](http://docs.google.com/java/awt/Transparency.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |
| interface | [**Paint**](http://docs.google.com/java/awt/Paint.html)            This Paint interface defines how color patterns can be generated for [Graphics2D](http://docs.google.com/java/awt/Graphics2D.html) operations. |

| Classes in [java.awt](http://docs.google.com/java/awt/package-summary.html) that implement [Transparency](http://docs.google.com/java/awt/Transparency.html) | |
| --- | --- |
| class | [**Color**](http://docs.google.com/java/awt/Color.html)            The Color class is used to encapsulate colors in the default sRGB color space or colors in arbitrary color spaces identified by a [ColorSpace](http://docs.google.com/java/awt/color/ColorSpace.html). |
| class | [**GradientPaint**](http://docs.google.com/java/awt/GradientPaint.html)            The GradientPaint class provides a way to fill a [Shape](http://docs.google.com/java/awt/Shape.html) with a linear color gradient pattern. |
| class | [**LinearGradientPaint**](http://docs.google.com/java/awt/LinearGradientPaint.html)            The LinearGradientPaint class provides a way to fill a [Shape](http://docs.google.com/java/awt/Shape.html) with a linear color gradient pattern. |
| class | [**MultipleGradientPaint**](http://docs.google.com/java/awt/MultipleGradientPaint.html)            This is the superclass for Paints which use a multiple color gradient to fill in their raster. |
| class | [**RadialGradientPaint**](http://docs.google.com/java/awt/RadialGradientPaint.html)            The RadialGradientPaint class provides a way to fill a shape with a circular radial color gradient pattern. |
| class | [**SystemColor**](http://docs.google.com/java/awt/SystemColor.html)            A class to encapsulate symbolic colors representing the color of native GUI objects on a system. |
| class | [**TexturePaint**](http://docs.google.com/java/awt/TexturePaint.html)            The TexturePaint class provides a way to fill a [Shape](http://docs.google.com/java/awt/Shape.html) with a texture that is specified as a [BufferedImage](http://docs.google.com/java/awt/image/BufferedImage.html). |

| Uses of [Transparency](http://docs.google.com/java/awt/Transparency.html) in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) | |
| --- | --- |

| Classes in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) that implement [Transparency](http://docs.google.com/java/awt/Transparency.html) | |
| --- | --- |
| class | [**BufferedImage**](http://docs.google.com/java/awt/image/BufferedImage.html)            The BufferedImage subclass describes an [Image](http://docs.google.com/java/awt/Image.html) with an accessible buffer of image data. |
| class | [**ColorModel**](http://docs.google.com/java/awt/image/ColorModel.html)            The ColorModel abstract class encapsulates the methods for translating a pixel value to color components (for example, red, green, and blue) and an alpha component. |
| class | [**ComponentColorModel**](http://docs.google.com/java/awt/image/ComponentColorModel.html)            A ColorModel class that works with pixel values that represent color and alpha information as separate samples and that store each sample in a separate data element. |
| class | [**DirectColorModel**](http://docs.google.com/java/awt/image/DirectColorModel.html)            The DirectColorModel class is a ColorModel class that works with pixel values that represent RGB color and alpha information as separate samples and that pack all samples for a single pixel into a single int, short, or byte quantity. |
| class | [**IndexColorModel**](http://docs.google.com/java/awt/image/IndexColorModel.html)            The IndexColorModel class is a ColorModel class that works with pixel values consisting of a single sample that is an index into a fixed colormap in the default sRGB color space. |
| class | [**PackedColorModel**](http://docs.google.com/java/awt/image/PackedColorModel.html)            The PackedColorModel class is an abstract [ColorModel](http://docs.google.com/java/awt/image/ColorModel.html) class that works with pixel values which represent color and alpha information as separate samples and which pack all samples for a single pixel into a single int, short, or byte quantity. |
| class | [**VolatileImage**](http://docs.google.com/java/awt/image/VolatileImage.html)            VolatileImage is an image which can lose its contents at any time due to circumstances beyond the control of the application (e.g., situations caused by the operating system or by other applications). |

| Uses of [Transparency](http://docs.google.com/java/awt/Transparency.html) in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) that implement [Transparency](http://docs.google.com/java/awt/Transparency.html) | |
| --- | --- |
| class | [**ColorUIResource**](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/Transparency.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt//class-useTransparency.html)    [**NO FRAMES**](http://docs.google.com/Transparency.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).