

Color

Description

The `Color` class represents a single color in a spreadsheet's color palette.

C#

```
public sealed class Color
```

vb.net

```
Public NotInheritable Class Color
```

Remarks

Each Excel document has a single color palette that manages the colors for formatting and some drawing layer colors. A color palette contains 56 colors that may be referenced. Each of these 56 colors may be customized, but changing a color in the palette will affect all formatting that uses the referenced color. To get a `Color` object, use [Workbook.Palette](#) to get to the Workbook's palette, then use one of the Palette's methods to get a `Color`.

Examples

C#

```
ExcelApplication xla = new ExcelApplication();  
Workbook wb = xla.Create();  
Palette p = wb.Palette;  
SoftArtisans.OfficeWriter.ExcelApplication.Color clr =  
    p.GetClosestColor(System.Drawing.Color.Blue);
```

vb.net

```
Dim xla As New ExcelApplication()  
Dim wb As Workbook = xla.Create()  
Dim p As Palette = wb.Palette()  
Dim clr As SoftArtisans.OfficeWriter.ExcelApplication.Color = _  
    p.GetClosestColor(System.Drawing.Color.Blue)
```

Properties

Name	Description
Blue	Returns the blue component of the color's RGB value.
Green	Returns the green component of color's the RGB value.
IsCustomColor	Returns whether or not the color is a custom color.
IsPaletteColor	Returns whether or not the color is stored in Excel's default color palette. For .xlsx files, returns whether the color has been retrieved from the legacy palette. The only way to retrieve colors from the legacy palette is by using the Palette.SetColorAt or Palette.GetColorAt methods.
IsSystemColor	Returns whether or not the color is a system color that cannot be changed.
PaletteIndex	For palette colors, returns the 0-based index of the color in the spreadsheet's color palette. For custom colors, this property will return a negative number. Automatic colors will return an index greater than or equal to 56 (the maximum index in the palette).
Red	Returns the red component of the color's RGB value.

Methods

Name	Description
ToString()	Returns a string representation of the <code>Color</code> object.

Nested Classes

Name	Description
SystemColor	System colors that can be used as colors in <code>ExcelWriter</code>