

Excel VBA color code list – ColorIndex, RGB color, VB color

Posted on August 23, 2015 by Wyman W

This Excel tutorial collects the VBA color code list for reference purpose, which includes ColorIndex, RGB color, VB color.

Excel ColorIndex

VBA Excel ColorIndex Property is to set color or get color for Objects like Cell color and Shape color. ColorIndex offers 56 basic colors plus the following special numbers.

ColorIndex Value	Explanation
-4142 / xlColorIndexNone / xlNone	No fill
-4105 / xlColorIndexAutomatic / xlAutomatic	Default color (white)

ColorIndex Value	Actual Color	ColorIndex Value	Actual Color
0		29	
1		30	
2		31	
3		32	
4		33	
5		34	
6		35	
7		36	
8		37	
9		38	
10		39	
11		40	
12		41	
13		42	
14		43	
15		44	
16		45	
17		46	
18		47	
19		48	
20		49	
21		50	
22		51	
23		52	
24		53	
25		54	
26		55	
27		56	
28			

Example 1: Set Cell A1 font color to red

```
Range("A1").Font.ColorIndex = 3
```

Example 2: Set Cell A1 back color to red

```
Range("A1").Interior.ColorIndex = 3
```

Example 3: Set Cell A1 border color to red

```
Range ("A1").Borders.ColorIndex=3
```

Example 4: Get Cell A1 ColorIndex

```
col = Range ("A1").Interior.ColorIndex
```

Excel RGB color

VBA Excel RGB Property is a color Property of Objects, commonly used for Cell color or Shape color.

"RGB" stands for Red Green Blue, which are known as three primary colors, which can be combined to produce other colors. For example, purple is a mix of blue and red. In RGB Property, you need to give a value (from 0 to 255) for each color in order to mix a new color. For example, Red = 255 means the brightness of color red is 100%.

HTML Web Safe Colors											
#000000 0,0,0	#000033 0,0,51	#000066 0,0,102	#000099 0,0,153	#0000CC 0,0,204	#0000FF 0,0,255	#990000 153,0,0	#990033 153,0,51	#990066 153,0,102	#990099 153,0,153	#9900CC 153,0,204	#9900FF 153,0,255
#003300 0,51,0	#003333 0,51,51	#003366 0,51,102	#003399 0,51,153	#0033CC 0,51,204	#0033FF 0,51,255	#993300 153,51,0	#993333 153,51,51	#993366 153,51,102	#993399 153,51,153	#9933CC 153,51,204	#9933FF 153,51,255
#006600 0,102,0	#006633 0,102,51	#006666 0,102,102	#006699 0,102,153	#0066CC 0,102,204	#0066FF 0,102,255	#996600 153,102,0	#996633 153,102,51	#996666 153,102,102	#996699 153,102,153	#9966CC 153,102,204	#9966FF 153,102,255
#009900 0,153,0	#009933 0,153,51	#009966 0,153,102	#009999 0,153,153	#0099CC 0,153,204	#0099FF 0,153,255	#999900 153,153,0	#999933 153,153,51	#999966 153,153,102	#999999 153,153,153	#9999CC 153,153,204	#9999FF 153,153,255
#00CC00 0,204,0	#00CC33 0,204,51	#00CC66 0,204,102	#00CC99 0,204,153	#00CCCC 0,204,204	#00CCFF 0,204,255	#99CC00 153,204,0	#99CC33 153,204,51	#99CC66 153,204,102	#99CC99 153,204,153	#99CCCC 153,204,204	#99CCFF 153,204,255
#00FF00 0,255,0	#00FF33 0,255,51	#00FF66 0,255,102	#00FF99 0,255,153	#00FFCC 0,255,204	#00FFFF 0,255,255	#99FF00 153,255,0	#99FF33 153,255,51	#99FF66 153,255,102	#99FF99 153,255,153	#99FFCC 153,255,204	#99FFFF 153,255,255
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#336600 51,102,0	#336633 51,102,51	#336666 51,102,102	#336699 51,102,153	#3366CC 51,102,204	#3366FF 51,102,255	#CC6600 204,102,0	#CC6633 204,102,51	#CC6666 204,102,102	#CC6699 204,102,153	#CC66CC 204,102,204	#CC66FF 204,102,255
#339900 51,153,0	#339933 51,153,51	#339966 51,153,102	#339999 51,153,153	#3399CC 51,153,204	#3399FF 51,153,255	#CC9900 204,153,0	#CC9933 204,153,51	#CC9966 204,153,102	#CC9999 204,153,153	#CC99CC 204,153,204	#CC99FF 204,153,255
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#660000 102,0,0	#660033 102,0,51	#660066 102,0,102	#660099 102,0,153	#6600CC 102,0,204	#6600FF 102,0,255	#FF0000 255,0,0	#FF0033 255,0,51	#FF0066 255,0,102	#FF0099 255,0,153	#FF00CC 255,0,204	#FF00FF 255,0,255
#663300 102,51,0	#663333 102,51,51	#663366 102,51,102	#663399 102,51,153	#6633CC 102,51,204	#6633FF 102,51,255	#FF3300 255,51,0	#FF3333 255,51,51	#FF3366 255,51,102	#FF3399 255,51,153	#FF33CC 255,51,204	#FF33FF 255,51,255
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#66CC00 102,204,0	#66CC33 102,204,51	#66CC66 102,204,102	#66CC99 102,204,153	#66CCCC 102,204,204	#66CCFF 102,204,255	#FFCC00 255,204,0	#FFCC33 255,204,51	#FFCC66 255,204,102	#FFCC99 255,204,153	#FFCCCC 255,204,204	#FFCCFF 255,204,255
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#000000 0,0,0	#333333 51,51,51	#666666 102,102,102	#999999 153,153,153	#CCCCCC 204,204,204	#FFFFFF 255,255,255	#FF0000 255,0,0	#00FF00 0,255,0	#0000FF 0,0,255	#FFFF00 255,255,0	#FF00FF 255,0,255	#00FFFF 0,255,255
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If you try to change a color but you don't know the color code, you can visit the websites below

<http://www.ifreesite.com/color/>

<http://big-coronasdklua.blogspot.hk/2011/04/rgb.html>

Example 1: Set Cell A1 font color to red

```
Range ("A1").Font.Color = RGB (255, 0, 0)
```

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Example 2: Set Cell A1 back color to red

```
Range("A1").Interior.Color = RGB(255, 0, 0)
```

Example 3: Set Cell A1 border color to red

```
Range("A1").Borders.Color = RGB(255, 0, 0)
```

Excel VB color

The simplest way to apply color is using the VB color name, you don't have to remember which number represents which color, the the color for your choice is very limited.

	A	B	C	D
1	Color Constant	Color Code	Color	
2	vbBlack	0		
3	vbBlue	16711680		
4	vbCyan	16776960		
5	vbGreen	65280		
6	vbMagenta	16711935		
7	vbRed	255		
8	vbWhite	16777215		
9	vbYellow	65535		
10				

Example: Set Cell A1 font color to red

```
Range("A1").Font.Color = vbRed
```

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Wyman is human resources professional specialized in implementation of HR information system.

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