

Converting Colors

RGB(81, 89, 179)

Have a look what the booklet for
RGB(81, 89, 179) contains.

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Color

RGB(81, 89, 179)

Conversions

Conversions Part 1	
Format	Color
Hex	5159B3
RGB	81, 89, 179
RGB Percent	32%, 35%, 70%
CMY	0.6824, 0.6510, 0.2980
CMYK	0.55, 0.50, 0.00, 0.30
HSL	235°, 39%, 51%
HSV	235°, 55%, 70%
XYZ	15.1024, 12.1488, 44.1968
YIQ	96.8680, -33.6580, 26.2940

Conversions

Conversions Part 2

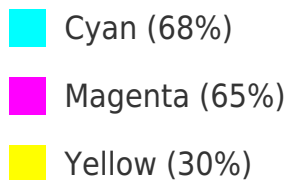
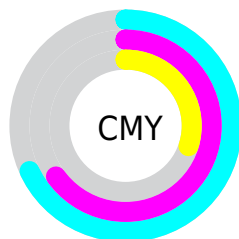
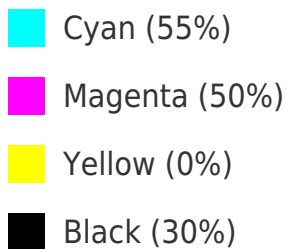
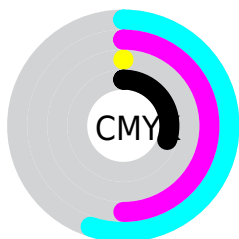
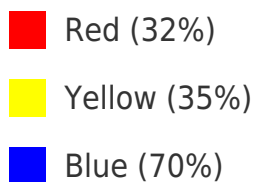
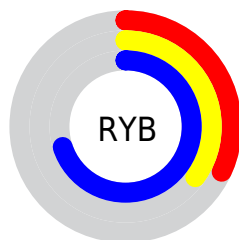
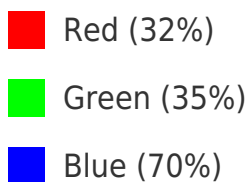
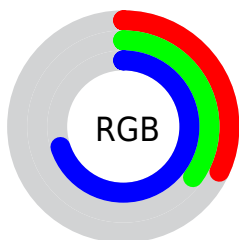
Format	Color
RYB	81, 88, 179
Decimal	5331379
CIELab	41.45, 23.18, -49.03
CIELCh	41, 54.232, 295.303
Yxy	12.1488, 0.2114, 0.1700
Android (android.graphics.Color)	4283521459 (0xFF5159B3)
YUV	96.8680, 40.4911, -13.9162
Hunter-Lab	34.8551, 16.3461, -50.7821

Details

The RGB color **81, 89, 179** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **179, 171, 81**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **137, 139, 235**, and **12, 44, 125** is the 20% darker color. If you saturate the color by 10%, you get **63, 73, 179**, and if you desaturate by 10%, it is **99, 105, 179**.

Distribution




Brightness & Saturation Gradients


These gradients show how the RGB color 81, 89, 179 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 81, 89, 179 by changing the saturation by 10% instead.

 81, 89, 179

 81, 89, 179

255, 255, 255


 51, 66, 152

 137, 139, 235

 12, 44, 125

 165, 165, 255

 0, 24, 100

 194, 192, 255

 0, 0, 76

 223, 220, 255


 0, 4, 52

 253, 249, 255


 0, 2, 30

 0, 0, 0


 81, 89, 179

 81, 89, 179

 63, 73, 179

 99, 105, 179

 45, 56, 179


 117, 122, 179


 27, 40, 179

 135, 138, 179

 9, 23, 179

 153, 155, 179

 0, 15, 179

 171, 171, 179

 188, 188, 179

 206, 204, 179

 224, 221, 179

 242, 237, 179

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0, 105, 187



81, 89, 179



144, 67, 149

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81, 89, 179



156, 75, 21



0, 117, 89

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81, 89, 179



179, 171, 81

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 114, 43



81, 89, 179



124, 93, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81, 89, 179



175, 55, 63



82, 106, 0



0, 118, 135

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 89, 179



166, 54, 122



82, 106, 0



0, 117, 74

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81, 89, 179



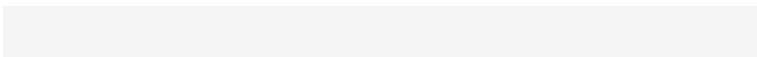
195, 198, 232



81, 179, 171



95, 97, 117



245, 245, 245



117, 117, 117

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 89, 179



79, 91, 232



122, 81, 179



80, 81, 89



0, 12, 153



0, 2, 26

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



179, 81, 89



232, 79, 91



138, 179, 81



89, 80, 81



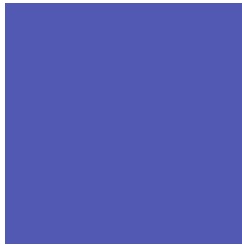
153, 0, 12



26, 0, 2

Previews

White Background



This preview shows how the RGB color 81, 89, 179 looks on a white background.

Color Contrast Check

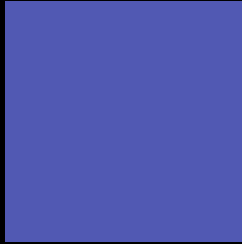
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 81, 89, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 81, 89, 179 Background



This preview shows how black text looks on a background with the RGB color 81, 89, 179.



This preview shows how white text looks on a background with the RGB color 81, 89, 179.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81, 89, 179

Protanopia

48, 95, 185

Deuteranopia





0, 99, 176






Tritanopia

57, 105, 113

Trichromacy

	Original Color 81, 89, 179
	Protanomaly 60, 93, 183
	Deuteranomaly 29, 95, 177
	Tritanomaly 66, 99, 137

Monochromacy

	Original Color 81, 89, 179
	Achromatopsia 97, 97, 97
	Achromatomaly 91, 94, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 81, 89, 179 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(81, 89, 179) looks like.

```
.text, #text, p{  
    color:rgb(81, 89, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(81, 89, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 89, 179) }
```

Border

The CSS property to change the border of an element to RGB 81, 89, 179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 89, 179) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(81, 89, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(81, 89, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 89, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 89, 179);  
box-shadow:4px 4px 4px 4px rgb(81, 89,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 81, 89, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 89, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(81, 89,  
179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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