

Converting Colors

RGB(82, 116, 178)

Have a look what the booklet for
RGB(82, 116, 178) contains.

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Color

RGB(82, 116, 178)

Conversions

Conversions Part 1

Format	Color
Hex	5274B2
RGB	82, 116, 178
RGB Percent	32%, 45%, 70%
CMY	0.6784, 0.5451, 0.3020
CMYK	0.54, 0.35, 0.00, 0.30
HSL	219°, 38%, 51%
HSV	219°, 54%, 70%
XYZ	17.7609, 17.4990, 44.5610
YIQ	112.9020, -40.1660, 12.0740

Conversions

Conversions Part 2

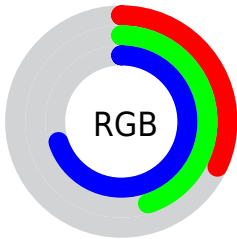
Format	Color
R_{YB}	82, 107, 178
Decimal	5403826
CIE Lab	48.88, 6.19, -36.62
CIE LCh	49, 37.142, 279.591
Yxy	17.4990, 0.2225, 0.2192
Android (android.graphics.Color)	4283593906 (0xFF5274B2)
YUV	112.9020, 32.0933, -27.1011
Hunter-Lab	41.8318, 2.5820, -33.8760

Details

The RGB color **82, 116, 178** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **178, 144, 82**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **137, 168, 234**, and **19, 68, 125** is the 20% darker color. If you saturate the color by 10%, you get **64, 105, 178**, and if you desaturate by 10%, it is **100, 127, 178**.

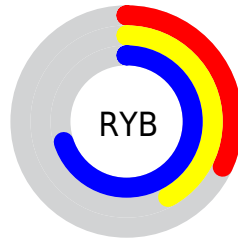
Distribution



Red (32%)

Green (45%)

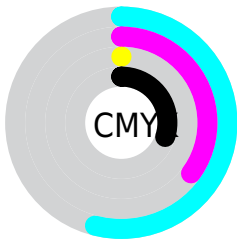
Blue (70%)



Red (32%)

Yellow (42%)

Blue (70%)

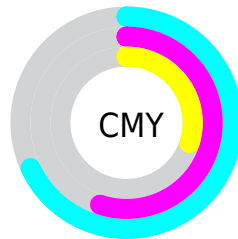


Cyan (54%)

Magenta (35%)

Yellow (0%)

Black (30%)



Cyan (68%)

















Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 82, 116, 178 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 82, 116, 178 by changing the saturation by 10% instead.

 82, 116, 178	 82, 116, 178
 255, 255, 255	 54, 92, 151
 137, 168, 234	 19, 68, 125
 165, 195, 255	 0, 46, 100
 194, 223, 255	 0, 26, 75
 223, 251, 255	 0, 3, 52
 252, 255, 255	 0, 2, 30
	 0, 0, 1
	 0, 0, 0

 82, 116, 178	 82, 116, 178
--------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------

■ 64, 105, 178

■ 100, 127, 178

■ 46, 93, 178

■ 118, 139, 178

■ 29, 82, 178

■ 135, 150, 178

■ 11, 70, 178

■ 153, 162, 178

■ 0, 63, 178

■ 171, 173, 178

■ 189, 185, 178

■ 207, 196, 178

■ 224, 208, 178

■ 242, 219, 178

Harmonies

Analogous

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



0, 125, 175



82, 116, 178



132, 104, 165

Triad

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



82, 116, 178



171, 96, 78



46, 131, 93

Complementary

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



82, 116, 178



178, 144, 82

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.



91, 126, 66



82, 116, 178



153, 107, 57

Square

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



82, 116, 178



175, 90, 107



125, 118, 52



0, 132, 126

Rectangle

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



82, 116, 178



155, 96, 148



125, 118, 52



64, 129, 83

Sweetspot

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



82, 116, 178



195, 208, 232



82, 178, 143



95, 103, 117



245, 245, 245



117, 117, 117

Same Dimension

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



82, 116, 178



81, 135, 232



95, 82, 178



80, 83, 89



0, 54, 153



0, 9, 26

Inverse Universe

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



178, 82, 116



232, 81, 135



165, 178, 82



89, 80, 83



153, 0, 54



26, 0, 9

Previews

White Background



This preview shows how the RGB color 82, 116, 178 looks on a white background.

Color Contrast Check

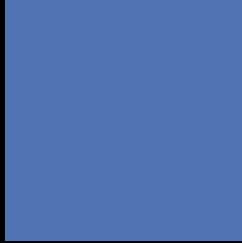
Large Text (above 18pt) WCAG AA ✓ Pass

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 82, 116, 178 looks on a black 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

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

RGB 82, 116, 178 Background



This preview shows how black text looks on a background with the RGB color 82, 116, 178.

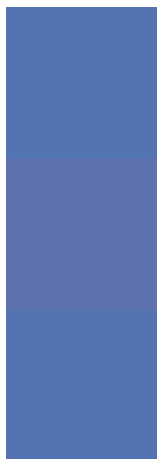


This preview shows how white text looks on a background with the RGB color 82, 116, 178.

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

82, 116, 178

Protanopia

94, 114, 176

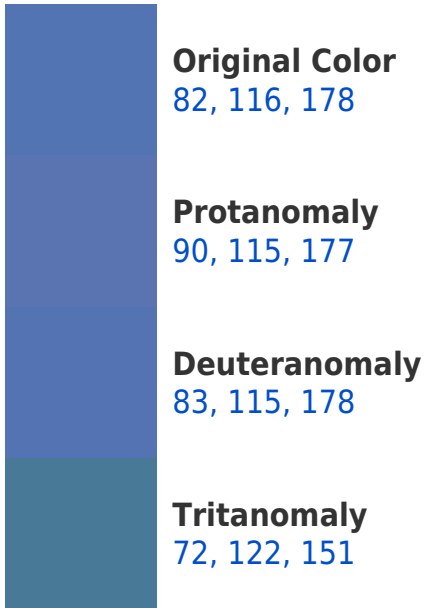
Deuteranopia

84, 115, 178

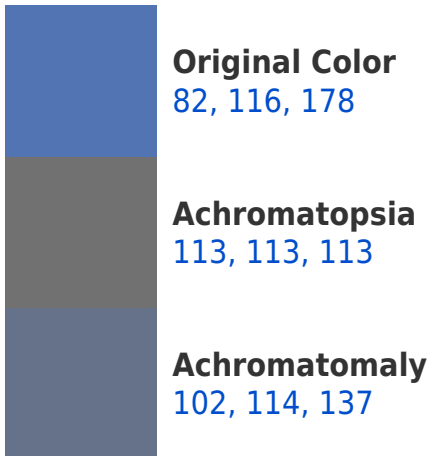


Tritanopia
66, 125, 135

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 82, 116, 178 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(82, 116, 178)` looks like.

```
.text, #text, p{  
    color:rgb(82, 116, 178)  
}
```

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(82, 116, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 116, 178) }
```

Border

The CSS property to change the border of an element to RGB 82, 116, 178 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(82, 116, 178) }
```

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

```
.border{ border-color:rgb(82, 116, 178) }
```

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

Here you see how a box with a 4 pixel rgb(82, 116, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 116, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 116, 178);  
box-shadow:4px 4px 4px 4px rgb(82, 116,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 82, 116, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 116, 178) }
```

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

```
.background{ background-color: rgb(82, 116,  
178) }
```

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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