Converting Colors

RGB(128, 121, 185)

Have a look what the booklet for RGB(128, 121, 185) contains.

Color

RGB(128, 121, 185)

Conversions

Conversions Part 1

Format	Color
Hex	8079B9
RGB	128, 121, 185
RGB Percent	50%, 47%, 73%
CMY	0.4980, 0.5255, 0.2745
CMYK	0.31, 0.35, 0.00, 0.27
HSL	247°, 31%, 60%
HSV	247°, 35%, 73%
XYZ	24.4964, 21.7667, 48.8092
YIQ	130.3890, -16.3720, 21.3880

Conversions

Conversions Part 2

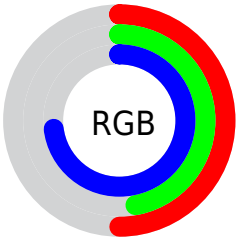
Format	Color
RYB	128, 121, 185
Decimal	8419769
CIELab	53.78, 17.42, -32.76
CIELCh	54, 37.103, 298.008
Yxy	21.7667, 0.2577, 0.2289
Android (android.graphics.Color)	4286609849 (0xFF8079B9)
YUV	130.3890, 26.9232, -2.0952
Hunter-Lab	46.6548, 12.0767, -29.3695

Details

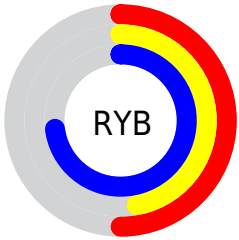
The RGB color 128, 121, 185 is a dark color, and the websafe version is hex 666699. A complement of this color would be 178, 185, 121, and the grayscale version is 130, 130, 130.

A 20% lighter version of the original color is 182, 173, 241, and 76, 72, 132 is the 20% darker color. If you saturate the color by 10%, you get 112, 103, 185, and if you desaturate by 10%, it is 144, 139, 185.

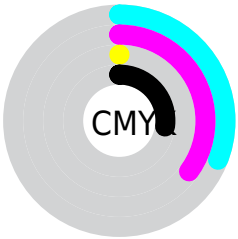
Distribution



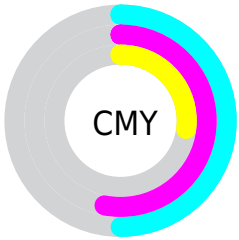
- Red (50%)
- Green (47%)
- Blue (73%)



- Red (50%)
- Yellow (47%)
- Blue (73%)



- Cyan (31%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 121, 185 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 128, 121, 185 by changing the saturation by 10% instead.

128, 121, 185

255, 255, 255

182, 173, 241

210, 201, 255

239, 229, 255

128, 121, 185

102, 96, 158

76, 72, 132

51, 50, 106

25, 29, 82

0, 5, 58

0, 2, 36

0, 0, 12

0, 0, 0

128, 121, 185

128, 121, 185

112, 103, 185

95, 84, 185

79, 65, 185

62, 47, 185

46, 28, 185

29, 10, 185

20, 0, 185

144, 139, 185

161, 158, 185

177, 177, 185

194, 195, 185

210, 213, 185

227, 232, 185

243, 251, 185

255, 255, 185

Harmonies

Analogous

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

71, 132, 192

128, 121, 185

166, 109, 163

Triad

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

128, 121, 185

175, 115, 75

9, 145, 125

Complementary

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

128, 121, 185

178, 185, 121

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.

79, 142, 93

128, 121, 185

150, 126, 63

Square

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

128, 121, 185

188, 105, 100

118, 136, 70

0, 145, 158

Rectangle

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

128, 121, 185

182, 104, 143

118, 136, 70

43, 144, 114

Sweetspot

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

128, 121, 185

218, 216, 240

121, 179, 185

107, 105, 120

247, 247, 247

120, 120, 120

Same Dimension

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

128, 121, 185

150, 139, 240

159, 121, 185

84, 83, 92

17, 0, 156

3, 0, 28

Inverse Universe

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

185, 121, 178

240, 139, 229

147, 185, 121

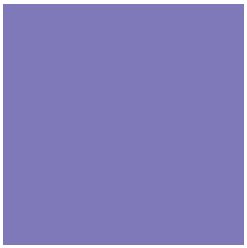
92, 83, 91

156, 0, 139

28, 0, 25

Previews

White Background

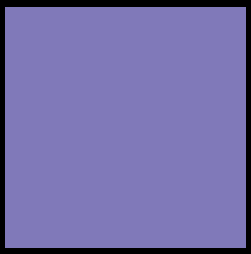


This preview shows how the RGB color 128, 121, 185 looks on a white background.

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

Black Background



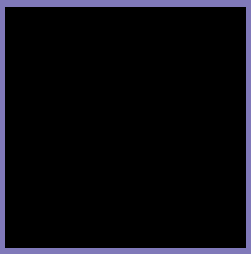
This preview shows how the RGB color 128, 121, 185 looks on a black background.

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 128, 121, 185 Background



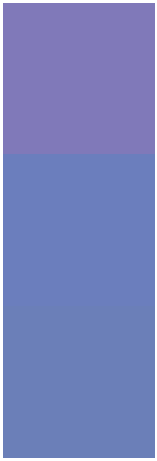
This preview shows how black text looks on a background with the RGB color 128, 121, 185.

This preview shows how white text looks on a background with the RGB color 128, 121, 185.

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



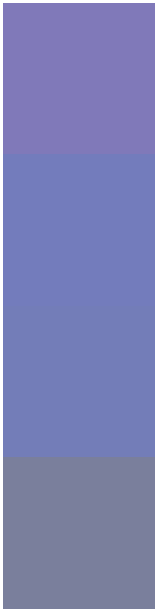
Original Color
128, 121, 185

Protanopia
107, 126, 189

Deuteranopia
107, 127, 184

Tritanopia
119, 130, 140

Trichromacy



Original Color
128, 121, 185

Protanomaly
115, 124, 188

Deuteranomaly
115, 125, 184

Tritanomaly
122, 127, 156

Monochromacy

Original Color
128, 121, 185

Achromatopsia
130, 130, 130

Achromatomaly
129, 127, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 121, 185 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(128, 121, 185) looks like.

```
.text, #text, p{
    color:rgb(128, 121, 185)
}
```

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(128, 121, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 121, 185) }
```

Border

The CSS property to change the border of an element to RGB 128, 121, 185 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(128, 121, 185) }
```

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

```
.border{ border-color:rgb(128, 121, 185) }
```

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

Here you see how a box with a 4 pixel rgb(128, 121, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 121, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 121, 185); box-shadow:4px 4px 4px 4px rgb(128, 121, 185) }
```

Background

The CSS property to change the background color of an element to RGB 128, 121, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(128, 121, 185) }
```

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

```
.background{ background-color:rgb(128,
121, 185) }
```

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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