Converting Colors

RGB(120, 108, 169)

Have a look what the booklet for RGB(120, 108, 169) contains.

Color

RGB(120, 108, 169)

Conversions

Conversions Part 1

Format	Color
Hex	786CA9
RGB	120, 108, 169
RGB Percent	47%, 42%, 66%
CMY	0.5294, 0.5765, 0.3373
CMYK	0.29, 0.36, 0.00, 0.34
HSL	252°, 26%, 54%
HSV	252°, 36%, 66%
XYZ	20.2697, 17.5828, 39.8616
YIQ	118.5420, -12.4290, 21.5150

Conversions

Conversions Part 2

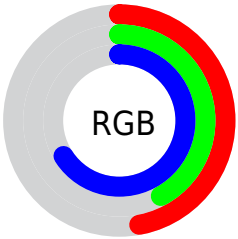
Format	Color
RYB	120, 108, 169
Decimal	7892137
CIELab	48.99, 18.61, -31.03
CIELCh	49, 36.184, 300.958
Yxy	17.5828, 0.2608, 0.2262
Android (android.graphics.Color)	4286082217 (0xFF786CA9)
YUV	118.5420, 24.8758, 1.2787
Hunter-Lab	41.9318, 12.9057, -27.0105

Details

The RGB color 120, 108, 169 is a dark color, and the websafe version is hex 666699. A complement of this color would be 157, 169, 108, and the grayscale version is 118, 118, 118.

A 20% lighter version of the original color is 174, 159, 225, and 69, 61, 117 is the 20% darker color. If you saturate the color by 10%, you get 106, 91, 169, and if you desaturate by 10%, it is 134, 125, 169.

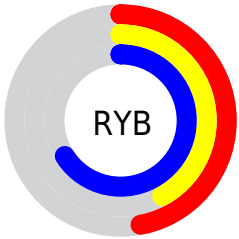
Distribution



Red (47%)

Green (42%)

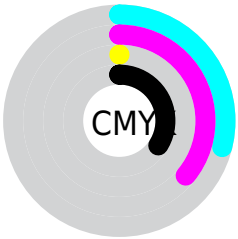
Blue (66%)



Red (47%)

Yellow (42%)

Blue (66%)

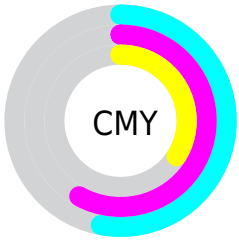


Cyan (29%)

Magenta (36%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (58%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 108, 169 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 120, 108, 169 by changing the saturation by 10% instead.

120, 108, 169	120, 108, 169
255, 255, 255	94, 84, 142
174, 159, 225	69, 61, 117
201, 186, 253	45, 39, 92
230, 214, 255	19, 18, 68
255, 243, 255	0, 0, 45
	0, 1, 24
	0, 0, 0

120, 108, 169	120, 108, 169
106, 91, 169	134, 125, 169

93, 74, 169

79, 57, 169

66, 40, 169

52, 23, 169

39, 7, 169

33, 0, 169

147, 142, 169

161, 159, 169

174, 176, 169

188, 192, 169

201, 209, 169

215, 226, 169

229, 243, 169

242, 255, 169

Harmonies

Analogous

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

66, 119, 177

120, 108, 169

155, 97, 147

Triad

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

120, 108, 169

159, 104, 63

0, 132, 116

Complementary

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

120, 108, 169

157, 169, 108

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.

64, 130, 86

120, 108, 169

134, 115, 53

Square

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

120, 108, 169

173, 94, 87

103, 124, 62

0, 131, 147

Rectangle

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

120, 108, 169

169, 92, 127

103, 124, 62

21, 132, 106

Sweetspot

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

120, 108, 169

200, 195, 219

108, 158, 169

98, 95, 110

237, 237, 237

110, 110, 110

Same Dimension

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

120, 108, 169

144, 125, 219

150, 108, 169

77, 76, 84

29, 0, 148

4, 0, 20

Inverse Universe

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

169, 108, 157

219, 125, 201

127, 169, 108

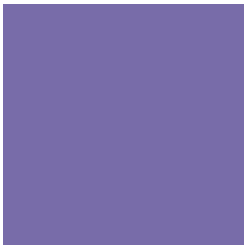
84, 76, 82

148, 0, 119

20, 0, 16

Previews

White Background

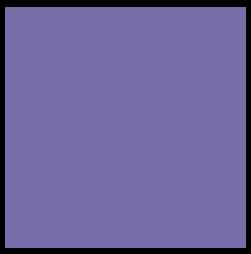


This preview shows how the RGB color 120, 108, 169 looks on a white background.

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



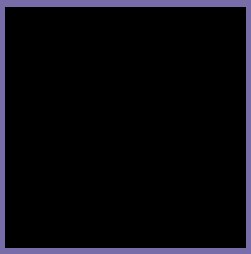
This preview shows how the RGB color 120, 108, 169 looks on a black background.

Color Contrast Check

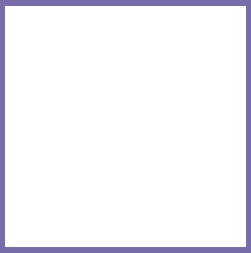
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 120, 108, 169 Background



This preview shows how black text looks on a background with the RGB color 120, 108, 169.

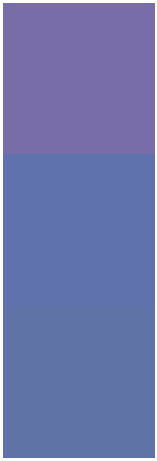


This preview shows how white text looks on a background with the RGB color 120, 108, 169.

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



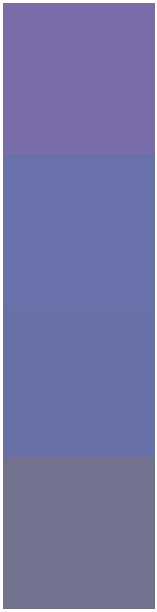
Original Color
120, 108, 169

Protanopia
96, 114, 174

Deuteranopia
96, 115, 167

Tritanopia
111, 117, 126

Trichromacy



Original Color
120, 108, 169

Protanomaly
105, 112, 172

Deuteranomaly
105, 112, 168

Tritanomaly
114, 114, 142

Monochromacy

Original Color
120, 108, 169

Achromatopsia
119, 119, 119

Achromatomaly
119, 115, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 108, 169 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(120, 108, 169) looks like.

```
.text, #text, p{
    color:rgb(120, 108, 169)
}
```

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(120, 108, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 108, 169) }
```

Border

The CSS property to change the border of an element to RGB 120, 108, 169 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(120, 108, 169) }
```

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

```
.border{ border-color:rgb(120, 108, 169) }
```

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

Here you see how a box with a 4 pixel rgb(120, 108, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 108, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 108, 169); box-shadow:4px 4px 4px 4px rgb(120, 108, 169) }
```

Background

The CSS property to change the background color of an element to RGB 120, 108, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(120, 108, 169) }
```

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

```
.background{ background-color:rgb(120,
108, 169) }
```

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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