Converting Colors

RGB(120, 116, 175)

Have a look what the booklet for RGB(120, 116, 175) contains.

Color

RGB(120, 116, 175)

Conversions

Conversions Part 1

Format	Color
Hex	7874AF
RGB	120, 116, 175
RGB Percent	47%, 45%, 69%
CMY	0.5294, 0.5451, 0.3137
CMYK	0.31, 0.34, 0.00, 0.31
HSL	244°, 27%, 57%
HSV	244°, 34%, 69%
XYZ	21.7290, 19.5790, 43.1913
YIQ	123.9220, -16.5550, 19.1970

Conversions

Conversions Part 2

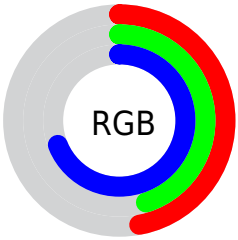
Format	Color
RYB	120, 116, 175
Decimal	7894191
CIELab	51.36, 15.39, -30.82
CIELCh	51, 34.449, 296.543
Yxy	19.5790, 0.2571, 0.2317
Android (android.graphics.Color)	4286084271 (0xFF7874AF)
YUV	123.9220, 25.1815, -3.4396
Hunter-Lab	44.2482, 10.2219, -26.9002

Details

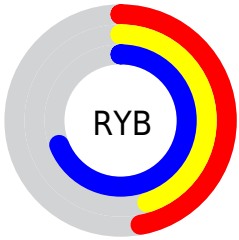
The RGB color 120, 116, 175 is a dark color, and the websafe version is hex 666699. A complement of this color would be 171, 175, 116, and the grayscale version is 124, 124, 124.

A 20% lighter version of the original color is 174, 168, 231, and 69, 68, 122 is the 20% darker color. If you saturate the color by 10%, you get 104, 98, 175, and if you desaturate by 10%, it is 136, 134, 175.

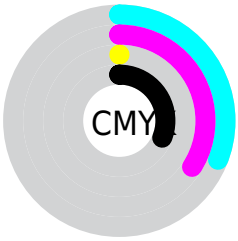
Distribution



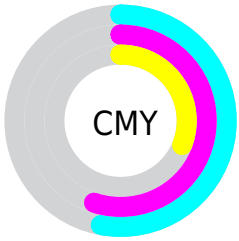
- Red (47%)
- Green (45%)
- Blue (69%)



- Red (47%)
- Yellow (45%)
- Blue (69%)



- Cyan (31%)
- Magenta (34%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 116, 175 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, 116, 175 by changing the saturation by 10% instead.

120, 116, 175	120, 116, 175
255, 255, 255	94, 91, 148
174, 168, 231	69, 68, 122
202, 195, 255	44, 46, 97
230, 223, 255	18, 25, 73
255, 252, 255	0, 0, 50
	0, 2, 28
	0, 0, 0

120, 116, 175	120, 116, 175
104, 98, 175	136, 134, 175

87, 81, 175

71, 64, 175

55, 46, 175

38, 28, 175

22, 11, 175

12, 0, 175

153, 151, 175

169, 169, 175

185, 186, 175

202, 203, 175

218, 221, 175

234, 238, 175

251, 255, 175

255, 255, 175

Harmonies

Analogous

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

68, 126, 181

120, 116, 175

156, 105, 155

Triad

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

120, 116, 175

166, 109, 74

28, 137, 118

Complementary

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

120, 116, 175

171, 175, 116

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, 135, 89

120, 116, 175

144, 120, 63

Square

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

120, 116, 175

178, 101, 98

114, 128, 68

0, 137, 148

Rectangle

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

120, 116, 175

171, 100, 137

114, 128, 68

49, 137, 108

Sweetspot

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

120, 116, 175

206, 204, 227

116, 171, 175

102, 101, 115

242, 242, 242

115, 115, 115

Same Dimension

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

120, 116, 175

142, 136, 227

149, 116, 175

79, 78, 87

10, 0, 150

2, 0, 23

Inverse Universe

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

175, 116, 171

227, 136, 221

142, 175, 116

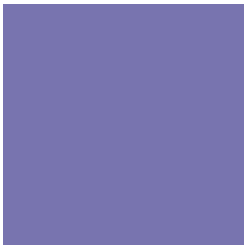
87, 78, 86

150, 0, 140

23, 0, 21

Previews

White Background

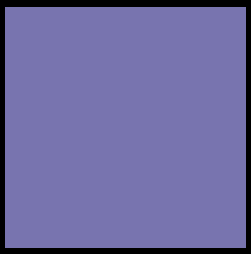


This preview shows how the RGB color 120, 116, 175 looks on a white background.

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



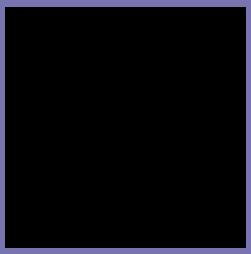
This preview shows how the RGB color 120, 116, 175 looks on a black background.

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, 116, 175 Background



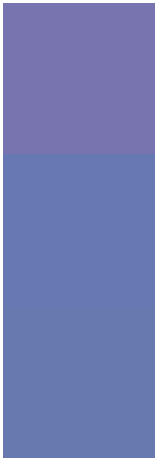
This preview shows how black text looks on a background with the RGB color 120, 116, 175.

This preview shows how white text looks on a background with the RGB color 120, 116, 175.

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



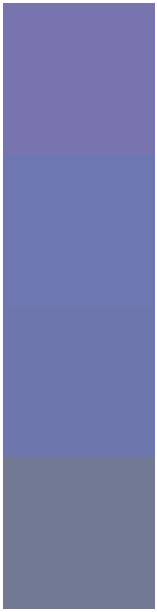
Original Color
120, 116, 175

Protanopia
103, 120, 179

Deuteranopia
103, 121, 174

Tritanopia
111, 124, 134

Trichromacy



Original Color
120, 116, 175

Protanomaly
109, 119, 178

Deuteranomaly
109, 119, 174

Tritanomaly
114, 121, 149

Monochromacy

Original Color
120, 116, 175

Achromatopsia
124, 124, 124

Achromatomaly
123, 121, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 116, 175 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, 116, 175) looks like.

```
.text, #text, p{
    color:rgb(120, 116, 175)
}
```

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, 116, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 116, 175) }
```

Border

The CSS property to change the border of an element to RGB 120, 116, 175 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, 116, 175) }
```

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

```
.border{ border-color:rgb(120, 116, 175) }
```

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

Here you see how a box with a 4 pixel rgb(120, 116, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 116, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 116, 175); box-shadow:4px 4px 4px 4px rgb(120, 116, 175) }
```

Background

The CSS property to change the background color of an element to RGB 120, 116, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(120, 116, 175) }
```

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

```
.background{ background-color:rgb(120,
116, 175) }
```

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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