Converting Colors

RGB(119, 93, 170)

Have a look what the booklet for RGB(119, 93, 170) contains.

Color

RGB(119, 93, 170)

Conversions

Conversions Part 1

Format	Color
Hex	775DAA
RGB	119, 93, 170
RGB Percent	47%, 36%, 67%
CMY	0.5333, 0.6353, 0.3333
CMYK	0.30, 0.45, 0.00, 0.33
HSL	260°, 31%, 52%
HSV	260°, 45%, 67%
XYZ	18.7778, 14.6529, 39.8688
YIQ	109.5520, -9.2210, 29.4590

Conversions

Conversions Part 2

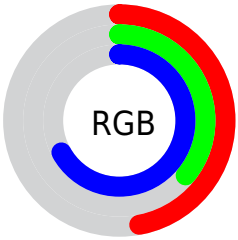
Format	Color
RYB	119, 93, 170
Decimal	7822762
CIELab	45.16, 27.61, -37.64
CIELCh	45, 46.683, 306.259
Yxy	14.6529, 0.2562, 0.1999
Android (android.graphics.Color)	4286012842 (0xFF775DAA)
YUV	109.5520, 29.8009, 8.2859
Hunter-Lab	38.2791, 20.5746, -34.9568

Details

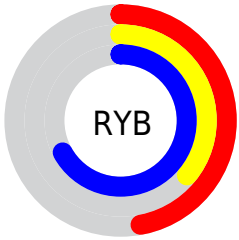
The RGB color 119, 93, 170 is a dark color, and the websafe version is hex 6666CC. A complement of this color would be 144, 170, 93, and the grayscale version is 109, 109, 109.

A 20% lighter version of the original color is 173, 144, 226, and 67, 46, 117 is the 20% darker color. If you saturate the color by 10%, you get 108, 76, 170, and if you desaturate by 10%, it is 130, 110, 170.

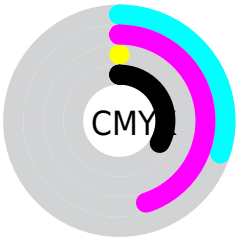
Distribution



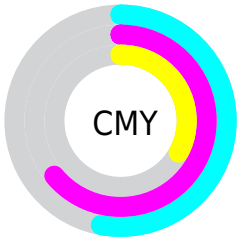
- Red (47%)
- Green (36%)
- Blue (67%)



- Red (47%)
- Yellow (36%)
- Blue (67%)



- Cyan (30%)
- Magenta (45%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 93, 170 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 119, 93, 170 by changing the saturation by 10% instead.

119, 93, 170	119, 93, 170
255, 255, 255	93, 69, 143
173, 144, 226	67, 46, 117
201, 170, 255	42, 24, 92
230, 198, 255	15, 2, 68
255, 226, 255	0, 0, 45
255, 255, 255	0, 1, 24
	0, 0, 0

119, 93, 170	119, 93, 170
108, 76, 170	130, 110, 170

96, 59, 170

85, 42, 170

74, 25, 170

63, 8, 170

57, 0, 170

142, 127, 170

153, 144, 170

164, 161, 170

175, 178, 170

187, 195, 170

198, 212, 170

209, 229, 170

220, 246, 170

Harmonies

Analogous

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

33, 109, 184

119, 93, 170

160, 77, 139

Triad

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

119, 93, 170

152, 93, 33

0, 126, 114

Complementary

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

119, 93, 170

144, 170, 93

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, 123, 74

119, 93, 170

120, 108, 20

Square

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

119, 93, 170

173, 78, 63

79, 118, 39

0, 124, 152

Rectangle

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

119, 93, 170

174, 71, 113

79, 118, 39

0, 125, 101

Sweetspot

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

119, 93, 170

201, 191, 222

93, 144, 170

100, 93, 112

240, 240, 240

112, 112, 112

Same Dimension

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

119, 93, 170

143, 102, 222

157, 93, 170

79, 76, 84

50, 0, 148

7, 0, 20

Inverse Universe

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

170, 93, 144

222, 102, 181

106, 170, 93

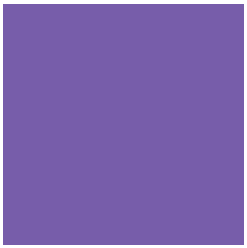
84, 76, 81

148, 0, 98

20, 0, 14

Previews

White Background

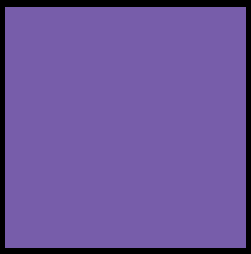


This preview shows how the RGB color 119, 93, 170 looks on a white background.

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



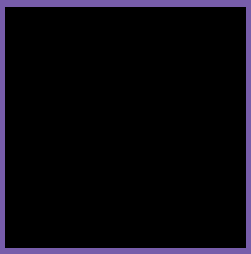
This preview shows how the RGB color 119, 93, 170 looks on a black background.

Color Contrast Check

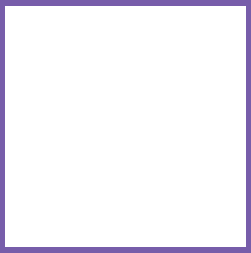
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 119, 93, 170 Background



This preview shows how black text looks on a background with the RGB color 119, 93, 170.

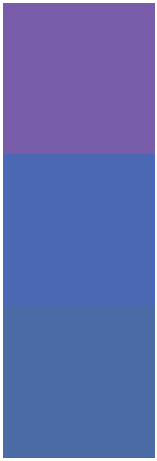


This preview shows how white text looks on a background with the RGB color 119, 93, 170.

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



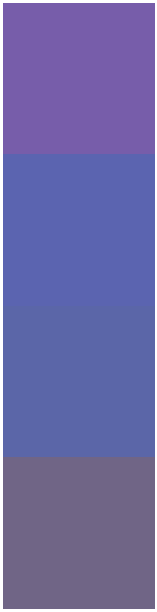
Original Color
119, 93, 170

Protanopia
75, 104, 180

Deuteranopia
75, 107, 167

Tritanopia
108, 106, 114

Trichromacy



Original Color
119, 93, 170

Protanomaly
91, 100, 176

Deuteranomaly
91, 102, 168

Tritanomaly
112, 101, 134

Monochromacy

Original Color
119, 93, 170

Achromatopsia
110, 110, 110

Achromatomaly
113, 104, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 93, 170 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(119, 93, 170) looks like.

```
.text, #text, p{
    color:rgb(119, 93, 170)
}
```

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(119, 93, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 93, 170) }
```

Border

The CSS property to change the border of an element to RGB 119, 93, 170 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(119, 93, 170) }
```

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

```
.border{ border-color:rgb(119, 93, 170) }
```

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

Here you see how a box with a 4 pixel rgb(119, 93, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 93, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 93, 170); box-shadow:4px 4px 4px 4px rgb(119, 93, 170) }
```

Background

The CSS property to change the background color of an element to RGB 119, 93, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(119, 93, 170) }
```

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

```
.background{ background-color:rgb(119, 93,
170) }
```

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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