Converting Colors

RGB(122, 92, 127)

Have a look what the booklet for RGB(122, 92, 127) contains.

Color

RGB(122, 92, 127)

Conversions

Conversions Part 1

Format	Color
Hex	7A5C7F
RGB	122, 92, 127
RGB Percent	48%, 36%, 50%
CMY	0.5216, 0.6392, 0.5020
CMYK	0.04, 0.28, 0.00, 0.50
HSL	291°, 16%, 43%
HSV	291°, 28%, 50%
XYZ	15.6840, 13.3242, 21.8239
YIQ	104.9600, 6.6450, 17.2450

Conversions

Conversions Part 2

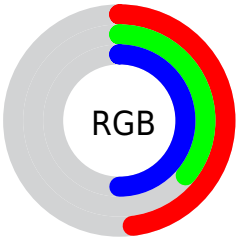
Format	Color
RYB	122, 92, 127
Decimal	8019071
CIELab	43.25, 18.87, -14.89
CIELCh	43, 24.039, 321.715
Yxy	13.3242, 0.3085, 0.2621
Android (android.graphics.Color)	4286209151 (0xFF7A5C7F)
YUV	104.9600, 10.8657, 14.9441
Hunter-Lab	36.5023, 12.8171, -9.8965

Details

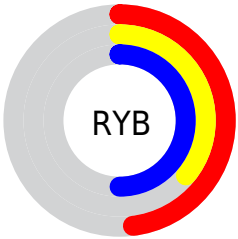
The RGB color 122, 92, 127 is a dark color, and the websafe version is hex 996699. A complement of this color would be 97, 127, 92, and the grayscale version is 105, 105, 105.

A 20% lighter version of the original color is 175, 143, 180, and 73, 46, 78 is the 20% darker color. If you saturate the color by 10%, you get 120, 79, 127, and if you desaturate by 10%, it is 124, 105, 127.

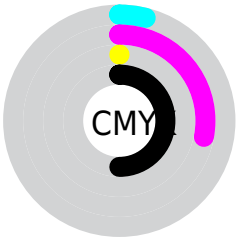
Distribution



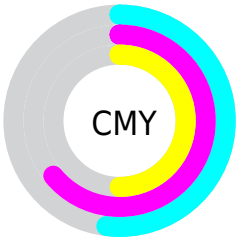
- Red (48%)
- Green (36%)
- Blue (50%)



- Red (48%)
- Yellow (36%)
- Blue (50%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)
- Black (50%)



- Cyan (52%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 92, 127 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 122, 92, 127 by changing the saturation by 10% instead.

122, 92, 127

255, 255, 255

175, 143, 180

202, 169, 207

231, 196, 236

255, 224, 255

255, 253, 255

122, 92, 127

97, 68, 102

73, 46, 78

50, 24, 55

30, 0, 34

0, 0, 8

0, 0, 0

122, 92, 127

120, 79, 127

118, 67, 127

122, 92, 127

124, 105, 127

126, 117, 127

117, 54, 127

115, 41, 127

113, 29, 127

111, 16, 127

109, 3, 127

109, 0, 127

127, 130, 127

129, 143, 127

131, 156, 127

133, 168, 127

135, 181, 127

137, 194, 127

138, 206, 127

Harmonies

Analogous

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

97, 99, 139

122, 92, 127

137, 87, 109

Triad

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

122, 92, 127

121, 99, 63

32, 113, 116

Complementary

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

122, 92, 127

97, 127, 92

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.

53, 113, 96

122, 92, 127

101, 105, 65

Square

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

122, 92, 127

135, 92, 72

78, 110, 77

36, 111, 133

Rectangle

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

122, 92, 127

141, 87, 95

78, 110, 77

38, 113, 110

Sweetspot

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

122, 92, 127

164, 152, 166

92, 97, 127

83, 76, 84

212, 212, 212

84, 84, 84

Same Dimension

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

122, 92, 127

158, 111, 166

127, 92, 115

63, 57, 64

109, 0, 128

0, 0, 0

Inverse Universe

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

127, 92, 97

166, 111, 119

92, 127, 104

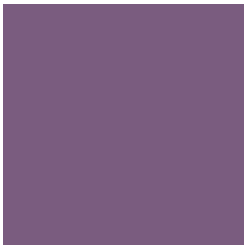
64, 57, 58

128, 0, 18

0, 0, 0

Previews

White Background



This preview shows how the RGB color 122, 92, 127 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 122, 92, 127 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 122, 92, 127 Background

This preview shows how black text looks on a background with the RGB color 122, 92, 127.

This preview shows how white text looks on a background with the RGB color 122, 92, 127.

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
122, 92, 127

Protanopia
94, 101, 134

Deuteranopia
101, 100, 125

Tritanopia
119, 96, 104

Trichromacy

Original Color
122, 92, 127

Protanomaly
104, 98, 131

Deuteranomaly
109, 97, 126

Tritanomaly
120, 95, 112

Monochromacy

Original Color
122, 92, 127

Achromatopsia
105, 105, 105

Achromatomaly
111, 100, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 92, 127 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(122, 92, 127) looks like.

```
.text, #text, p{
    color:rgb(122, 92, 127)
}
```

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(122, 92, 127) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(122, 92, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 92, 127) }
```

Border

The CSS property to change the border of an element to RGB 122, 92, 127 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(122, 92, 127) }
```

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

```
.border{ border-color:rgb(122, 92, 127) }
```

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

Here you see how a box with a 4 pixel rgb(122, 92, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 92, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 92, 127); box-shadow:4px 4px 4px 4px rgb(122, 92, 127) }
```

Background

The CSS property to change the background color of an element to RGB 122, 92, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(122, 92, 127) }
```

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

```
.background{ background-color:rgb(122, 92, 127) }
```

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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