

Converting Colors

RGB(135, 102, 122)

Have a look what the booklet for
RGB(135, 102, 122) contains.

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Color

RGB(135, 102, 122)

Conversions

Conversions Part 1	
Format	Color
Hex	87667A
RGB	135, 102, 122
RGB Percent	53%, 40%, 48%
CMY	0.4706, 0.6000, 0.5216
CMYK	0.00, 0.24, 0.10, 0.47
HSL	324°, 14%, 46%
HSV	324°, 24%, 53%
XYZ	18.2559, 16.0588, 20.5498
YIQ	114.1470, 13.2480, 13.2160

Conversions

Conversions Part 2

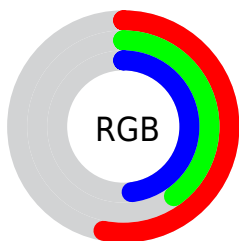
Format	Color
RYB	135, 102, 122
Decimal	8873594
CIELab	47.05, 16.71, -6.01
CIELCh	47, 17.761, 340.214
Yxy	16.0588, 0.3327, 0.2927
Android (android.graphics.Color)	4287063674 (0xFF87667A)
YUV	114.1470, 3.8715, 18.2881
Hunter-Lab	40.0734, 11.1892, -2.3528

Details

The RGB color **135, 102, 122** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102, 135, 115**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **189, 153, 174**, and **85, 55, 73** is the 20% darker color. If you saturate the color by 10%, you get **135, 89, 117**, and if you desaturate by 10%, it is **135, 116, 127**.

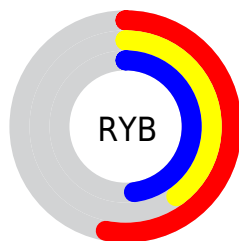
Distribution



Red (53%)

Green (40%)

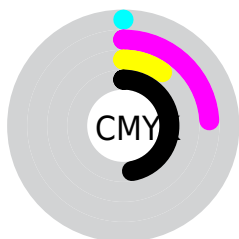
Blue (48%)



Red (53%)

Yellow (40%)

Blue (48%)

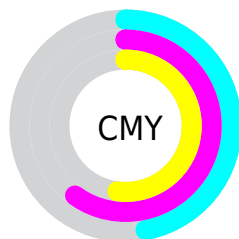


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 102, 122 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 135, 102, 122 by changing the saturation by 10% instead.

 135, 102, 122

255, 255, 255

 189, 153, 174

 217, 180, 202


 245, 208, 230

 255, 236, 255

 135, 102, 122

 109, 78, 97

 85, 55, 73

 61, 33, 51

 39, 12, 30

 9, 0, 2

 0, 0, 0

 135, 102, 122

 135, 89, 117

 135, 75, 111

 135, 102, 122

 135, 116, 127

 135, 129, 133

 135, 62, 106

 135, 143, 138

 135, 48, 101

 135, 156, 143

 135, 35, 95

 135, 170, 149

 135, 21, 90

 135, 183, 154

 135, 8, 85

 135, 196, 159

 135, 0, 82

 135, 210, 165

 135, 224, 170

Harmonies

Analogous

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



120, 106, 134



135, 102, 122



142, 101, 107

Triad

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



135, 102, 122



117, 112, 82



69, 119, 130

Complementary

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



135, 102, 122



102, 135, 115

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.



71, 120, 116



135, 102, 122



101, 116, 88

Square

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



135, 102, 122



131, 107, 84



84, 119, 101



81, 116, 139

Rectangle

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



135, 102, 122



142, 102, 97



84, 119, 101



68, 120, 126

Sweetspot

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



135, 102, 122



176, 164, 171



115, 102, 135



89, 82, 86



217, 217, 217



89, 89, 89

Same Dimension

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



135, 102, 122



176, 125, 156



135, 102, 106



66, 60, 64



130, 0, 79



3, 0, 2

Inverse Universe

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



135, 102, 122



176, 125, 156



102, 135, 131



66, 60, 64



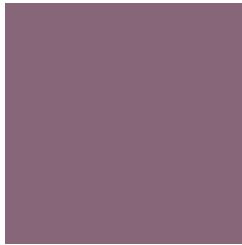
130, 0, 79



3, 0, 2

Previews

White Background



This preview shows how the RGB color 135, 102, 122 looks on a white background.

Color Contrast Check

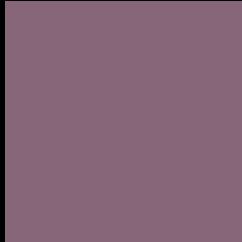
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 102, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

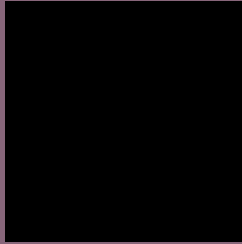
Any Text WCAG AA × Fail

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 135, 102, 122 Background



This preview shows how black text looks on a background with the RGB color 135, 102, 122.



This preview shows how white text looks on a background with the RGB color 135, 102, 122.

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

135, 102, 122

Protanopia

109, 111, 128

Deuteranopia

119, 109, 121



Tritanopia

134, 104, 112

Trichromacy



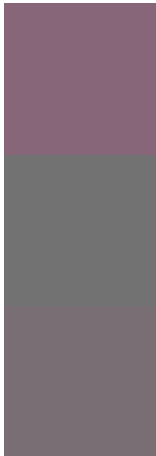
Original Color
135, 102, 122

Protanomaly
118, 108, 126

Deuteranomaly
125, 106, 121

Tritanomaly
134, 103, 116

Monochromacy



Original Color
135, 102, 122

Achromatopsia
114, 114, 114

Achromatomaly
122, 110, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 102, 122 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(135, 102, 122) looks like.

```
.text, #text, p{  
    color:rgb(135, 102, 122)  
}
```

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(135, 102, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 102, 122) }
```

Border

The CSS property to change the border of an element to RGB 135, 102, 122 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(135, 102, 122) }
```

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

```
.border{ border-color:rgb(135, 102, 122) }
```

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

Here you see how a box with a 4 pixel rgb(135, 102, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 102, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 102, 122);  
box-shadow:4px 4px 4px 4px rgb(135, 102,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 135, 102, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 102, 122) }
```

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

```
.background{ background-color: rgb(135,  
102, 122) }
```

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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