Converting Colors

RGB(123, 94, 135)

Have a look what the booklet for RGB(123, 94, 135) contains.

Color

RGB(123, 94, 135)

Conversions

Format	Color
Hex	7B5E87
RGB	123, 94, 135
RGB Percent	48%, 37%, 53%
CMY	0.5176, 0.6314, 0.4706
CMYK	0.09, 0.30, 0.00, 0.47
HSL	282°, 18%, 45%
HSV	282°, 30%, 53%
XYZ	16.5443, 13.9656, 24.7453
YIQ	107.3450, 4.1230, 18.8990

Conversions Part 1

Conversions

Conversions Part 2

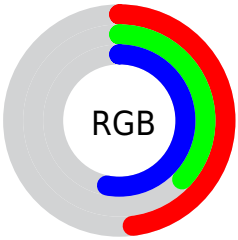
Format	Color
RYB	123, 94, 135
Decimal	8085127
CIELab	44.18, 19.76, -18.29
CIELCh	44, 26.923, 317.219
Yxy	13.9656, 0.2994, 0.2527
Android (android.graphics.Color)	4286275207 (0xFF7B5E87)
YUV	107.3450, 13.6339, 13.7294
Hunter-Lab	37.3706, 13.6247, -13.1000

Details

The RGB color 123, 94, 135 is a dark color, and the websafe version is hex 996699. A complement of this color would be 106, 135, 94, and the grayscale version is 107, 107, 107.

A 20% lighter version of the original color is 176, 145, 188, and 74, 47, 85 is the 20% darker color. If you saturate the color by 10%, you get 119, 81, 135, and if you desaturate by 10%, it is 127, 108, 135.

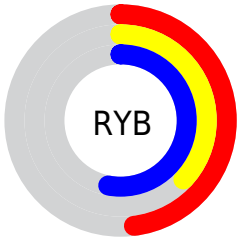
Distribution



Red (48%)

Green (37%)

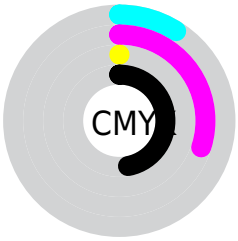
Blue (53%)



Red (48%)

Yellow (37%)

Blue (53%)

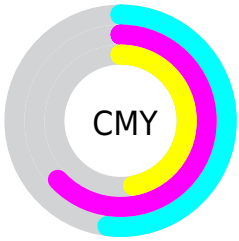


Cyan (9%)

Magenta (30%)

Yellow (0%)

Black (47%)



Cyan (52%)

Magenta (63%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 94, 135 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 123, 94, 135 by changing the saturation by 10% instead.

123, 94, 135	123, 94, 135
255, 255, 255	98, 70, 110
176, 145, 188	74, 47, 85
204, 171, 216	50, 26, 62
232, 199, 245	30, 2, 40
255, 227, 255	0, 1, 18
	0, 0, 0

123, 94, 135	123, 94, 135
119, 81, 135	127, 108, 135
115, 67, 135	131, 121, 135

111, 54, 135

107, 40, 135

103, 27, 135

99, 13, 135

95, 0, 135

135, 135, 135

139, 148, 135

143, 162, 135

147, 175, 135

151, 189, 135

155, 202, 135

159, 216, 135

Harmonies

Analogous

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

93, 102, 147

123, 94, 135

142, 88, 115

Triad

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

123, 94, 135

128, 100, 61

16, 116, 117

Complementary

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

123, 94, 135

106, 135, 94

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.

52, 116, 94

123, 94, 135

106, 107, 61

Square

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

123, 94, 135

143, 92, 73

81, 113, 73

9, 114, 137

Rectangle

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

123, 94, 135

147, 87, 100

81, 113, 73

29, 116, 109

Sweetspot

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

123, 94, 135

171, 160, 176

94, 106, 135

86, 79, 89

217, 217, 217

89, 89, 89

Same Dimension

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

123, 94, 135

157, 113, 176

135, 94, 127

64, 60, 66

92, 0, 130

2, 0, 3

Inverse Universe

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

135, 94, 106

176, 113, 131

94, 135, 102

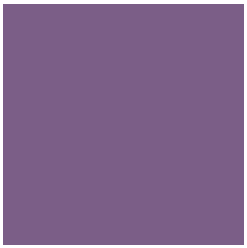
66, 60, 62

130, 0, 38

3, 0, 1

Previews

White Background



This preview shows how the RGB color 123, 94, 135 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

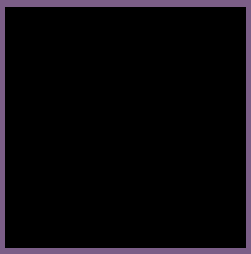
Black Background

Color Contrast Check

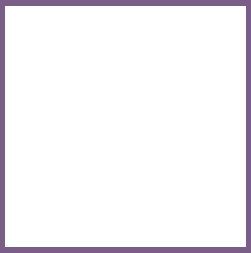
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 123, 94, 135 Background



This preview shows how black text looks on a background with the RGB color 123, 94, 135.

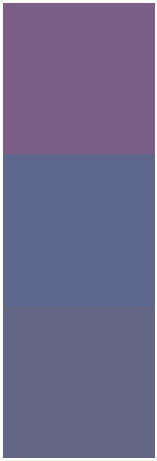


This preview shows how white text looks on a background with the RGB color 123, 94, 135.

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
123, 94, 135

Protanopia
94, 103, 142

Deuteranopia
100, 103, 133

Tritanopia
119, 99, 107

Trichromacy

Original Color
123, 94, 135

Protanomaly
105, 100, 139

Deuteranomaly
108, 100, 134

Tritanomaly
120, 97, 117

Monochromacy

Original Color
123, 94, 135

Achromatopsia
107, 107, 107

Achromatomaly
113, 102, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 94, 135 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(123, 94, 135) looks like.

```
.text, #text, p{
    color:rgb(123, 94, 135)
}
```

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(123, 94, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 94, 135) }
```

Border

The CSS property to change the border of an element to RGB 123, 94, 135 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(123, 94, 135) }
```

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

```
.border{ border-color:rgb(123, 94, 135) }
```

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

Here you see how a box with a 4 pixel rgb(123, 94, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 94, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 94, 135); box-shadow:4px 4px 4px 4px rgb(123, 94, 135) }
```

Background

The CSS property to change the background color of an element to RGB 123, 94, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(123, 94, 135) }
```

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

```
.background{ background-color:rgb(123, 94,
135) }
```

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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