

Converting Colors

RGB(123, 92, 121)

Have a look what the booklet for
RGB(123, 92, 121) contains.

RGB(123, 92, 121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(123, 92, 121)

Conversions

Conversions Part 1

Format	Color
Hex	7B5C79
RGB	123, 92, 121
RGB Percent	48%, 36%, 47%
CMY	0.5176, 0.6392, 0.5255
CMYK	0.00, 0.25, 0.02, 0.52
HSL	304°, 14%, 42%
HSV	304°, 25%, 48%
XYZ	15.4467, 13.2457, 19.8317
YIQ	104.5750, 9.1670, 15.5910

Conversions

Conversions Part 2

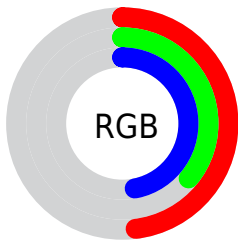
Format	Color
R_{YB}	123, 92, 121
Decimal	8084601
CIE Lab	43.13, 17.98, -11.42
CIE LCh	43, 21.301, 327.582
Yxy	13.2457, 0.3183, 0.2730
Android (android.graphics.Color)	4286274681 (0xFF7B5C79)
YUV	104.5750, 8.0975, 16.1587
Hunter-Lab	36.3947, 12.0687, -6.8313

Details

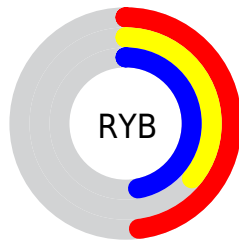
The RGB color **123, 92, 121** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **92, 123, 94**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **176, 143, 173**, and **74, 46, 72** is the 20% darker color. If you saturate the color by 10%, you get **123, 80, 120**, and if you desaturate by 10%, it is **123, 104, 122**.

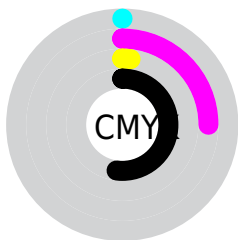
Distribution



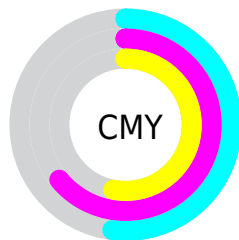
- Red (48%)
- Green (36%)
- Blue (47%)



- Red (48%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (2%)
- Black (52%)



- Cyan (52%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 92, 121 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, 92, 121 by changing the saturation by 10% instead.



123, 92, 121



123, 92, 121

255, 255, 255



98, 68, 96



176, 143, 173



74, 46, 72



203, 169, 201



51, 24, 50



232, 196, 229



31, 0, 29



255, 224, 255



0, 0, 0



255, 253, 255



123, 92, 121



123, 92, 121



123, 80, 120



123, 104, 122



123, 67, 119



123, 117, 123

■ 123, 55, 119

■ 123, 129, 123

■ 123, 43, 118

■ 123, 141, 124

■ 123, 30, 117

■ 123, 154, 125

■ 123, 18, 116

■ 123, 166, 126

■ 123, 6, 115

■ 123, 178, 127

■ 123, 0, 115

■ 123, 190, 127

■ 123, 203, 128

Harmonies

Analogous

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



102, 98, 133



123, 92, 121



135, 89, 104

Triad

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



123, 92, 121



116, 100, 67



44, 111, 118

Complementary

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



123, 92, 121



92, 123, 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.



57, 111, 100



123, 92, 121



97, 106, 70

Square

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



123, 92, 121



130, 94, 73



77, 110, 82



52, 109, 131

Rectangle

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



123, 92, 121



137, 89, 92



77, 110, 82



47, 112, 112

Sweetspot

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



123, 92, 121



161, 148, 160



94, 92, 123



82, 73, 81



209, 209, 209



82, 82, 82

Same Dimension

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



123, 92, 121



161, 112, 158



123, 92, 106



61, 55, 61



125, 0, 117



252, 0, 236

Inverse Universe

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



123, 92, 121



161, 112, 158



92, 123, 109



61, 55, 61



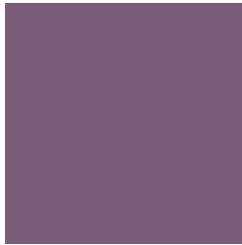
125, 0, 117



252, 0, 236

Previews

White Background



This preview shows how the RGB color 123, 92, 121 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 123, 92, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

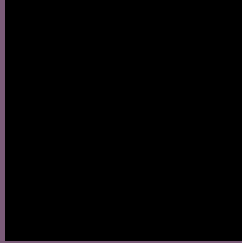
Any Text WCAG AA × Fail

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 123, 92, 121 Background



This preview shows how black text looks on a background with the RGB color 123, 92, 121.



This preview shows how white text looks on a background with the RGB color 123, 92, 121.

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, 92, 121

Protanopia
96, 101, 127

Deuteranopia
104, 100, 120



Tritanopia
121, 95, 103

Trichromacy



Original Color

123, 92, 121

Protanomaly

106, 98, 125

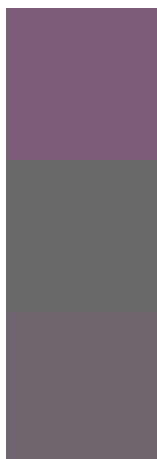
Deuteranomaly

111, 97, 120

Tritanomaly

122, 94, 110

Monochromacy



Original Color

123, 92, 121

Achromatopsia

105, 105, 105

Achromatomaly

112, 100, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 92, 121 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, 92, 121)` looks like.

```
.text, #text, p{  
    color:rgb(123, 92, 121)  
}
```

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, 92, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 92, 121) }
```

Border

The CSS property to change the border of an element to RGB 123, 92, 121 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, 92, 121) }
```

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

```
.border{ border-color:rgb(123, 92, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 92, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 92, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 92, 121);  
box-shadow:4px 4px 4px 4px rgb(123, 92,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 123, 92, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 92, 121) }
```

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

```
.background{ background-color: rgb(123, 92,  
121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor