

Converting Colors

RGB(121, 92, 198)

Have a look what the booklet for
RGB(121, 92, 198) contains.

RGB(121, 92, 198)	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(121, 92, 198)

Conversions

Conversions Part 1

Format	Color
Hex	795CC6
RGB	121, 92, 198
RGB Percent	47%, 36%, 78%
CMY	0.5255, 0.6392, 0.2235
CMYK	0.39, 0.54, 0.00, 0.22
HSL	256°, 48%, 57%
HSV	256°, 54%, 78%
XYZ	21.9053, 15.7965, 55.3206
YIQ	112.7550, -16.7420, 39.1140

Conversions

Conversions Part 2

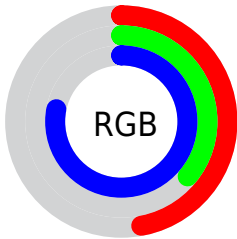
Format	Color
R_{YB}	121, 92, 198
Decimal	7953606
CIE _{Lab}	46.71, 36.27, -51.48
CIE _{LCh}	47, 62.969, 305.168
Yxy	15.7965, 0.2355, 0.1698
Android (android.graphics.Color)	4286143686 (0xFF795CC6)
YUV	112.7550, 42.0258, 7.2309
Hunter-Lab	39.7448, 28.8271, -54.7042

Details

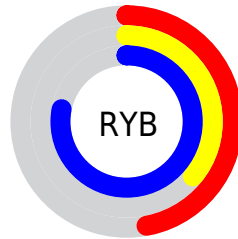
The RGB color **121, 92, 198** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **169, 198, 92**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **177, 143, 255**, and **66, 45, 143** is the 20% darker color. If you saturate the color by 10%, you get **107, 72, 198**, and if you desaturate by 10%, it is **135, 112, 198**.

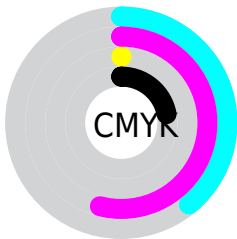
Distribution



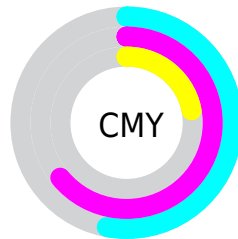
- Red (47%)
- Green (36%)
- Blue (78%)



- Red (47%)
- Yellow (36%)
- Blue (78%)



- Cyan (39%)
- Magenta (54%)
- Yellow (0%)
- Black (22%)





- Cyan (53%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 121, 92, 198 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 121, 92, 198 by changing the saturation by 10% instead.

 121, 92, 198

 121, 92, 198

255, 255, 255

 93, 68, 170

 177, 143, 255

 66, 45, 143

 206, 170, 255

 36, 22, 117

 235, 197, 255

 0, 1, 92

 255, 225, 255


 0, 0, 68


255, 254, 255

 0, 3, 44

 0, 1, 23

 0, 0, 0

 121, 92, 198

 121, 92, 198

■ 107, 72, 198

■ 135, 112, 198

■ 92, 52, 198

■ 150, 132, 198

■ 78, 33, 198

■ 164, 151, 198

■ 63, 13, 198

■ 179, 171, 198

■ 54, 0, 198

■ 193, 191, 198

■ 207, 211, 198

■ 222, 231, 198

■ 236, 250, 198

■ 250, 255, 198

Harmonies

Analogous

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



0, 114, 217



121, 92, 198



180, 64, 156

Triad

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



121, 92, 198



168, 91, 0



0, 134, 119

Complementary

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



121, 92, 198



169, 198, 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.



0, 131, 63



121, 92, 198



126, 111, 0

Square

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



121, 92, 198



196, 65, 53



70, 124, 0



0, 133, 171

Rectangle

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



121, 92, 198



199, 50, 122



70, 124, 0



0, 134, 100

Sweetspot

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



121, 92, 198



225, 214, 255



92, 170, 198



110, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



121, 92, 198



136, 92, 255



173, 92, 198



92, 90, 99



45, 0, 163



10, 0, 36

Inverse Universe

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



198, 92, 169



255, 92, 210



117, 198, 92



99, 90, 97



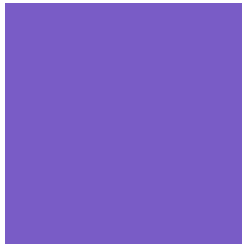
163, 0, 119



36, 0, 26

Previews

White Background



This preview shows how the RGB color 121, 92, 198 looks on a white background.

Color Contrast Check

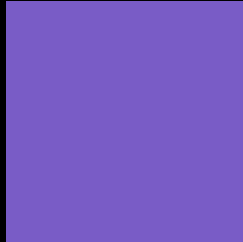
Large Text (above 18pt) WCAG AA ✓ Pass

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 121, 92, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

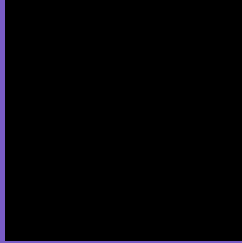
Any Text WCAG AA × Fail

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 121, 92, 198 Background



This preview shows how black text looks on a background with the RGB color 121, 92, 198.

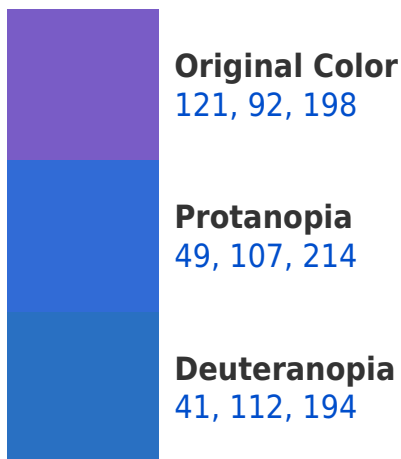


This preview shows how white text looks on a background with the RGB color 121, 92, 198.

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





Tritanopia
103, 112, 120

Trichromacy



Original Color
121, 92, 198

Protanomaly
75, 102, 208

Deuteranomaly
70, 105, 195

Tritanomaly
110, 105, 148

Monochromacy



Original Color
121, 92, 198

Achromatopsia
113, 113, 113

Achromatomaly
116, 105, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 92, 198 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(121, 92, 198)` looks like.

```
.text, #text, p{  
    color:rgb(121, 92, 198)  
}
```

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(121, 92, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 92, 198) }
```

Border

The CSS property to change the border of an element to RGB 121, 92, 198 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(121, 92, 198) }
```

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

```
.border{ border-color:rgb(121, 92, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 92, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 92, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 92, 198);  
box-shadow:4px 4px 4px 4px rgb(121, 92,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 121, 92, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 92, 198) }
```

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

```
.background{ background-color: rgb(121, 92,  
198) }
```

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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