

Converting Colors

RGB(119, 94, 204)

Have a look what the booklet for
RGB(119, 94, 204) contains.

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Color

RGB(119, 94, 204)

Conversions

Conversions Part 1

Format	Color
Hex	775ECC
RGB	119, 94, 204
RGB Percent	47%, 37%, 80%
CMY	0.5333, 0.6314, 0.2000
CMYK	0.42, 0.54, 0.00, 0.20
HSL	254°, 52%, 58%
HSV	254°, 54%, 80%
XYZ	22.5095, 16.2870, 59.0841
YIQ	114.0150, -20.4100, 39.5100

Conversions

Conversions Part 2

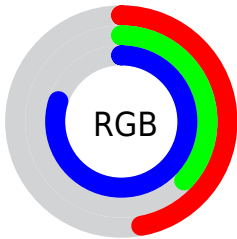
Format	Color
R _Y B	119, 94, 204
Decimal	7823052
CIE Lab	47.35, 36.29, -53.91
CIE LCh	47, 64.986, 303.949
Yxy	16.2870, 0.2300, 0.1664
Android (android.graphics.Color)	4286013132 (0xFF775ECC)
YUV	114.0150, 44.3626, 4.3718
Hunter-Lab	40.3571, 28.9349, -58.5524

Details

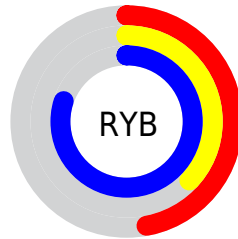
The RGB color **119, 94, 204** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **179, 204, 94**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **175, 145, 255**, and **63, 47, 149** is the 20% darker color. If you saturate the color by 10%, you get **103, 74, 204**, and if you desaturate by 10%, it is **135, 114, 204**.

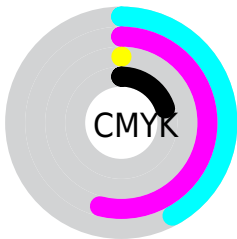
Distribution



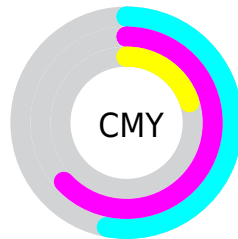
- Red (47%)
- Green (37%)
- Blue (80%)



- Red (47%)
- Yellow (37%)
- Blue (80%)



- Cyan (42%)
- Magenta (54%)
- Yellow (0%)
- Black (20%)




- Cyan (53%)
- Magenta (63%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 94, 204 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 119, 94, 204 by changing the saturation by 10% instead.

 119, 94, 204

255, 255, 255

 175, 145, 255

 204, 172, 255


 234, 199, 255

 255, 228, 255

 119, 94, 204

 91, 70, 176

 63, 47, 149

 31, 24, 123

 0, 3, 97

 0, 0, 73


 0, 4, 49

 0, 1, 27

 0, 0, 0


 119, 94, 204

 119, 94, 204

 103, 74, 204

 135, 114, 204

 87, 53, 204


 151, 135, 204


 72, 33, 204

 166, 155, 204

 56, 12, 204

 182, 176, 204

 46, 0, 204

 198, 196, 204

 214, 216, 204

 229, 237, 204

 245, 255, 204

 255, 255, 204

Harmonies

Analogous

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



0, 117, 223



119, 94, 204



182, 64, 161

Triad

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



119, 94, 204



173, 91, 0



0, 136, 118

Complementary

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



119, 94, 204



179, 204, 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.



0, 133, 61



119, 94, 204



129, 112, 0

Square

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



119, 94, 204



201, 63, 54



72, 126, 0



0, 136, 172

Rectangle

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



119, 94, 204



202, 49, 126



72, 126, 0



0, 136, 99

Sweetspot

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



119, 94, 204



223, 214, 255



94, 180, 204



109, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



119, 94, 204



127, 89, 255



173, 94, 204



94, 92, 102



38, 0, 166



9, 0, 38

Inverse Universe

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



204, 94, 179



255, 89, 217



125, 204, 94



102, 92, 100



166, 0, 128



38, 0, 30

Previews

White Background



This preview shows how the RGB color 119, 94, 204 looks on a white background.

Color Contrast Check

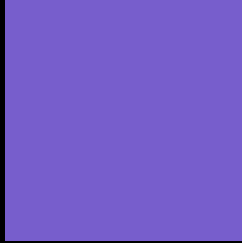
Large Text (above 18pt) WCAG AA ✓ Pass

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 119, 94, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

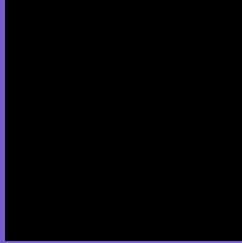
Any Text WCAG AA × Fail

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 119, 94, 204 Background



This preview shows how black text looks on a background with the RGB color 119, 94, 204.

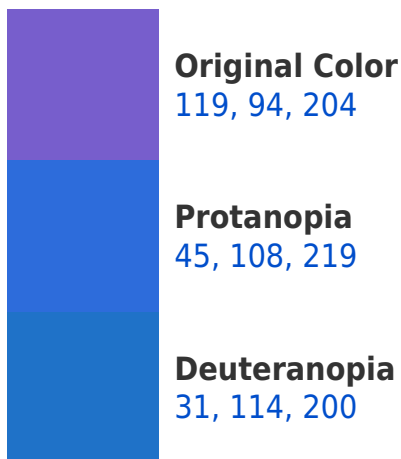


This preview shows how white text looks on a background with the RGB color 119, 94, 204.

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
100, 114, 124

Trichromacy



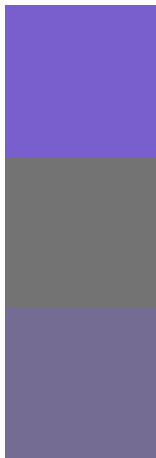
Original Color
119, 94, 204

Protanomaly
72, 103, 214

Deuteranomaly
63, 107, 201

Tritanomaly
107, 107, 153

Monochromacy



Original Color
119, 94, 204

Achromatopsia
114, 114, 114

Achromatomaly
116, 107, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 94, 204 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(119, 94, 204)` looks like.

```
.text, #text, p{  
    color:rgb(119, 94, 204)  
}
```

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(119, 94, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 94, 204) }
```

Border

The CSS property to change the border of an element to RGB 119, 94, 204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

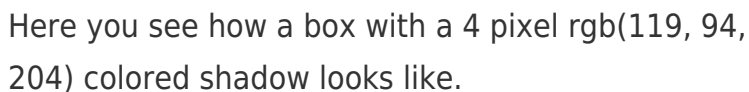
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 94, 204) }
```

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

```
.border{ border-color:rgb(119, 94, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 94, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 94, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 94, 204);  
box-shadow:4px 4px 4px 4px rgb(119, 94,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 119, 94, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 94, 204) }
```

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

```
.background{ background-color: rgb(119, 94,  
204) }
```

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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