

Converting Colors

RGB(117, 94, 206)

Have a look what the booklet for
RGB(117, 94, 206) contains.

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Color

RGB(117, 94, 206)

Conversions

Conversions Part 1

Format	Color
Hex	755ECE
RGB	117, 94, 206
RGB Percent	46%, 37%, 81%
CMY	0.5412, 0.6314, 0.1922
CMYK	0.43, 0.54, 0.00, 0.19
HSL	252°, 53%, 59%
HSV	252°, 54%, 81%
XYZ	22.4794, 16.2435, 60.3430
YIQ	113.6450, -22.2440, 39.7080

Conversions

Conversions Part 2

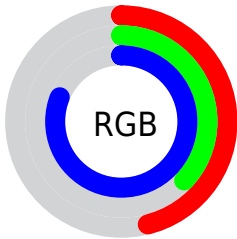
Format	Color
R _{YB}	117, 94, 206
Decimal	7691982
CIE _{Lab}	47.29, 36.40, -55.16
CIE _{LCh}	47, 66.082, 303.421
Yxy	16.2435, 0.2269, 0.1640
Android (android.graphics.Color)	4285882062 (0xFF755ECE)
YUV	113.6450, 45.5310, 2.9423
Hunter-Lab	40.3033, 29.0287, -60.5581

Details

The RGB color **117, 94, 206** 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 **183, 206, 94**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **174, 145, 255**, and **60, 47, 151** is the 20% darker color. If you saturate the color by 10%, you get **101, 73, 206**, and if you desaturate by 10%, it is **133, 115, 206**.

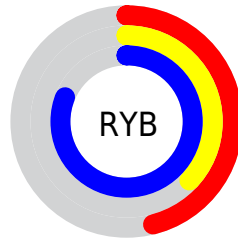
Distribution



Red (46%)

Green (37%)

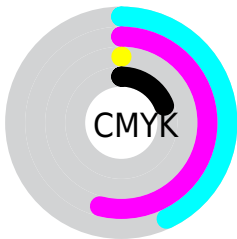
Blue (81%)



Red (46%)

Yellow (37%)

Blue (81%)

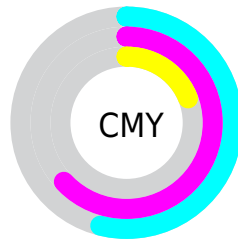


Cyan (43%)

Magenta (54%)

Yellow (0%)

Black (19%)



Cyan (54%)

Magenta (63%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 94, 206 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 117, 94, 206 by changing the saturation by 10% instead.

 117, 94, 206

 117, 94, 206

255, 255, 255


 89, 70, 178

 174, 145, 255

 60, 47, 151

 203, 172, 255


 26, 25, 124

 232, 199, 255

 0, 4, 99

 255, 227, 255

 0, 0, 74


 0, 4, 50

 0, 2, 28

 0, 0, 0


 117, 94, 206

 117, 94, 206


 101, 73, 206


 133, 115, 206


 84, 53, 206

 150, 135, 206

 68, 32, 206

 166, 156, 206

 52, 12, 206

 182, 176, 206

 42, 0, 206

 199, 197, 206

 215, 218, 206

 232, 238, 206

 248, 255, 206

 255, 255, 206

Harmonies

Analogous

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



0, 117, 224



117, 94, 206



182, 63, 163

Triad

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



117, 94, 206



174, 90, 0



0, 136, 117

Complementary

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



117, 94, 206



183, 206, 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, 59



117, 94, 206



130, 112, 0

Square

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



117, 94, 206



202, 61, 54



72, 126, 0



0, 136, 172

Rectangle

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



117, 94, 206



203, 47, 127



72, 126, 0



0, 136, 98

Sweetspot

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



117, 94, 206



223, 214, 255



94, 184, 206



108, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



117, 94, 206



123, 89, 255



172, 94, 206



94, 92, 102



34, 0, 166



8, 0, 38

Inverse Universe

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



206, 94, 183



255, 89, 221



128, 206, 94



102, 92, 100



166, 0, 132



38, 0, 30

Previews

White Background



This preview shows how the RGB color 117, 94, 206 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 117, 94, 206 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 117, 94, 206 Background



This preview shows how black text looks on a background with the RGB color 117, 94, 206.

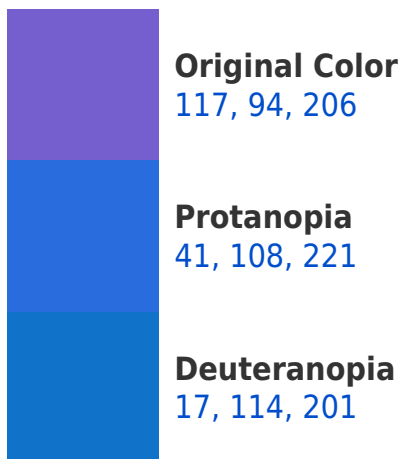


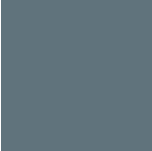
This preview shows how white text looks on a background with the RGB color 117, 94, 206.

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
96, 115, 124

Trichromacy



Original Color

117, 94, 206



Protanomaly

69, 103, 216



Deuteranomaly

53, 107, 203



Tritanomaly

104, 107, 154

Monochromacy



Original Color

117, 94, 206



Achromatopsia

114, 114, 114



Achromatomaly

115, 107, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 94, 206 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(117, 94, 206)` looks like.

```
.text, #text, p{  
    color:rgb(117, 94, 206)  
}
```

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(117, 94, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 94, 206) }
```

Border

The CSS property to change the border of an element to RGB 117, 94, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

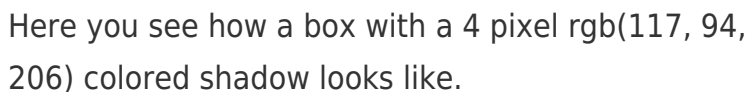
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 94, 206) }
```

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

```
.border{ border-color:rgb(117, 94, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 94, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 94, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 94, 206); box-shadow:4px 4px 4px 4px rgb(117, 94, 206) }
```

Background

The CSS property to change the background color of an element to RGB 117, 94, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 94, 206) }
```

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

```
.background{ background-color: rgb(117, 94,  
206) }
```

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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