

Converting Colors

RGB(124, 94, 192)

Have a look what the booklet for
RGB(124, 94, 192) contains.

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Color

RGB(124, 94, 192)

Conversions

Conversions Part 1

Format	Color
Hex	7C5EC0
RGB	124, 94, 192
RGB Percent	49%, 37%, 75%
CMY	0.5137, 0.6314, 0.2471
CMYK	0.35, 0.51, 0.00, 0.25
HSL	258°, 44%, 56%
HSV	258°, 51%, 75%
XYZ	21.8293, 16.0963, 51.8255
YIQ	114.1420, -13.5780, 36.8380

Conversions

Conversions Part 2

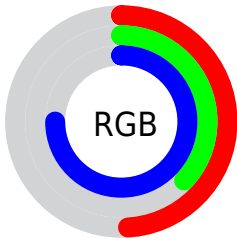
Format	Color
R_{YB}	124, 94, 192
Decimal	8150720
CIE _{Lab}	47.10, 34.21, -47.36
CIE _{LCh}	47, 58.427, 305.844
Yxy	16.0963, 0.2432, 0.1793
Android (android.graphics.Color)	4286340800 (0xFF7C5EC0)
YUV	114.1420, 38.3840, 8.6455
Hunter-Lab	40.1202, 26.9113, -48.5042

Details

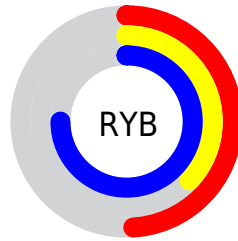
The RGB color **124, 94, 192** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **162, 192, 94**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **179, 145, 249**, and **70, 47, 138** is the 20% darker color. If you saturate the color by 10%, you get **111, 75, 192**, and if you desaturate by 10%, it is **137, 113, 192**.

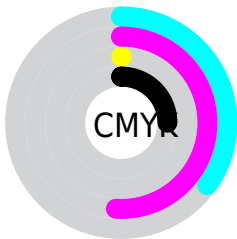
Distribution



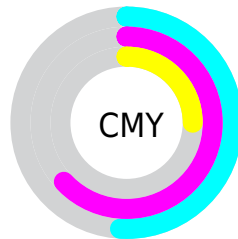
- Red (49%)
- Green (37%)
- Blue (75%)



- Red (49%)
- Yellow (37%)
- Blue (75%)



- Cyan (35%)
- Magenta (51%)
- Yellow (0%)
- Black (25%)



- Cyan (51%)
- Magenta (63%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 94, 192 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 124, 94, 192 by changing the saturation by 10% instead.

 124, 94, 192

255, 255, 255

 179, 145, 249

 208, 172, 255

 237, 199, 255

 255, 228, 255

 124, 94, 192

 97, 70, 165

 70, 47, 138

 42, 24, 112

 6, 3, 87

 0, 0, 63


 0, 3, 40


 0, 1, 17

 0, 0, 0


 124, 94, 192

 124, 94, 192

 111, 75, 192


 137, 113, 192

 97, 56, 192

 151, 132, 192


 84, 36, 192

 164, 152, 192

 71, 17, 192

 177, 171, 192

 59, 0, 192

 191, 190, 192

 204, 209, 192

 217, 228, 192

 231, 248, 192

 244, 255, 192

Harmonies

Analogous

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



0, 115, 210



124, 94, 192



177, 70, 153

Triad

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



124, 94, 192



166, 94, 9



0, 134, 120

Complementary

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



124, 94, 192



162, 192, 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, 131, 69



124, 94, 192



126, 113, 0

Square

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



124, 94, 192



192, 72, 57



74, 125, 18



0, 133, 168

Rectangle

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



124, 94, 192



194, 60, 121



74, 125, 18



0, 134, 103

Sweetspot

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



124, 94, 192



224, 212, 250



94, 163, 192



109, 102, 125



252, 252, 252



125, 125, 125

Same Dimension

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



124, 94, 192



144, 97, 250



172, 94, 192



90, 87, 97



49, 0, 161



10, 0, 33

Inverse Universe

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



192, 94, 162



250, 97, 203



114, 192, 94



97, 87, 94



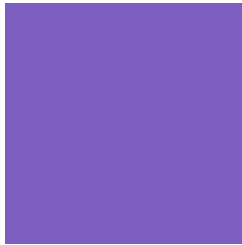
161, 0, 111



33, 0, 23

Previews

White Background



This preview shows how the RGB color 124, 94, 192 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 124, 94, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

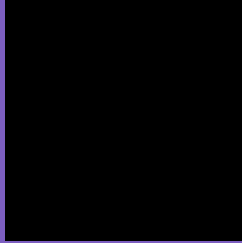
Any Text WCAG AA × Fail

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 124, 94, 192 Background



This preview shows how black text looks on a background with the RGB color 124, 94, 192.

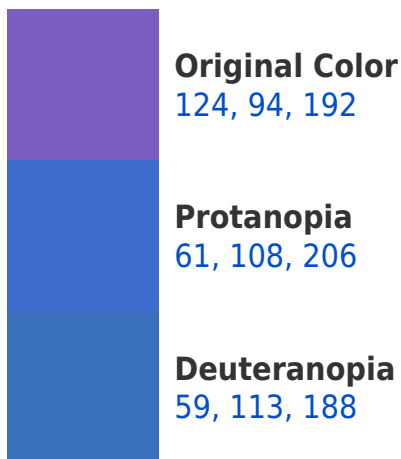


This preview shows how white text looks on a background with the RGB color 124, 94, 192.

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](#).

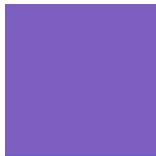
Dichromacy





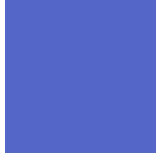
Tritanopia
109, 112, 120

Trichromacy



Original Color

124, 94, 192



Protanomaly

84, 103, 201



Deuteranomaly

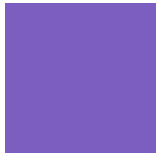
83, 106, 189



Tritanomaly

114, 105, 146

Monochromacy



Original Color

124, 94, 192



Achromatopsia

114, 114, 114



Achromatomaly

118, 107, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 94, 192 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(124, 94, 192)` looks like.

```
.text, #text, p{  
    color:rgb(124, 94, 192)  
}
```

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(124, 94, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 94, 192) }
```

Border

The CSS property to change the border of an element to RGB 124, 94, 192 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(124, 94, 192) }
```

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

```
.border{ border-color:rgb(124, 94, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 94, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 94, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 94, 192);  
box-shadow:4px 4px 4px 4px rgb(124, 94,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 124, 94, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 94, 192) }
```

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

```
.background{ background-color: rgb(124, 94,  
192) }
```

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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