

Converting Colors

RGB(98, 94, 212)

Have a look what the booklet for
RGB(98, 94, 212) contains.

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Color

RGB(98, 94, 212)

Conversions

Conversions Part 1

Format	Color
Hex	625ED4
RGB	98, 94, 212
RGB Percent	38%, 37%, 83%
CMY	0.6157, 0.6314, 0.1686
CMYK	0.54, 0.56, 0.00, 0.17
HSL	242°, 58%, 60%
HSV	242°, 56%, 83%
XYZ	20.9234, 15.3555, 64.1485
YIQ	108.6480, -35.4940, 37.5460

Conversions

Conversions Part 2

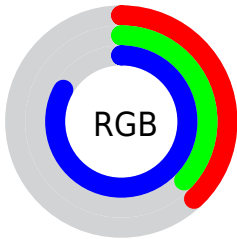
Format	Color
R _{YB}	98, 94, 212
Decimal	6446804
CIE _{Lab}	46.12, 34.16, -60.56
CIE _{LCh}	46, 69.532, 299.421
Yxy	15.3555, 0.2083, 0.1529
Android (android.graphics.Color)	4284636884 (0xFF625ED4)
YUV	108.6480, 50.9525, -9.3383
Hunter-Lab	39.1862, 26.7340, -69.6286

Details

The RGB color **98, 94, 212** 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 **208, 212, 94**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **156, 145, 255**, and **31, 48, 156** is the 20% darker color. If you saturate the color by 10%, you get **78, 73, 212**, and if you desaturate by 10%, it is **118, 115, 212**.

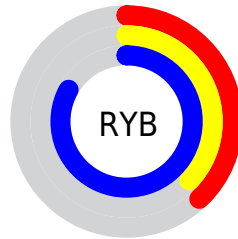
Distribution



Red (38%)

Green (37%)

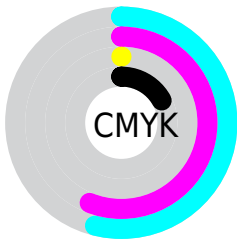
Blue (83%)



Red (38%)

Yellow (37%)

Blue (83%)

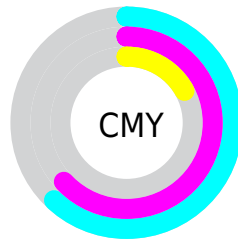


Cyan (54%)

Magenta (56%)

Yellow (0%)

Black (17%)



Cyan (62%)

















Magenta (63%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 94, 212 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 98, 94, 212 by changing the saturation by 10% instead.

 98, 94, 212	 98, 94, 212
 255, 255, 255	 67, 70, 184
 156, 145, 255	 31, 48, 156
 186, 171, 255	 0, 27, 130
 215, 199, 255	 0, 7, 104
 245, 227, 255	 0, 0, 79
	 0, 5, 55
	 0, 2, 33
	 0, 0, 5
	 0, 0, 0


 98, 94, 212

 98, 94, 212


 78, 73, 212

 118, 115, 212


 57, 52, 212

 139, 136, 212

 37, 30, 212


 159, 158, 212


 16, 9, 212

 180, 179, 212

 7, 0, 212

 200, 200, 212

 221, 221, 212

 241, 242, 212

 255, 255, 212

Harmonies

Analogous

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



0, 117, 227



98, 94, 212



176, 60, 170

Triad

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



98, 94, 212



178, 82, 0



0, 134, 106

Complementary

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



98, 94, 212



208, 212, 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, 130, 44



98, 94, 212



134, 107, 0

Square

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



98, 94, 212



205, 48, 56



75, 122, 0



0, 134, 165

Rectangle

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



98, 94, 212



201, 36, 132



75, 122, 0



0, 133, 86

Sweetspot

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



98, 94, 212



213, 212, 255



94, 208, 212



103, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



98, 94, 212



90, 84, 255



157, 94, 212



97, 96, 107



6, 0, 171



1, 0, 43

Inverse Universe

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



212, 94, 208



255, 84, 249



149, 212, 94



107, 96, 107



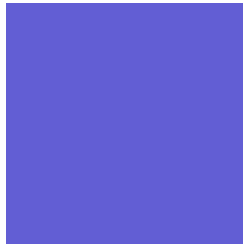
171, 0, 165



43, 0, 42

Previews

White Background



This preview shows how the RGB color 98, 94, 212 looks on a white background.

Color Contrast Check

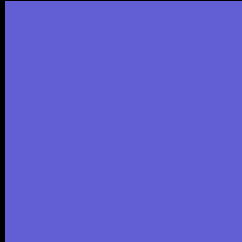
Large Text (above 18pt) WCAG AA ✓ Pass

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 98, 94, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

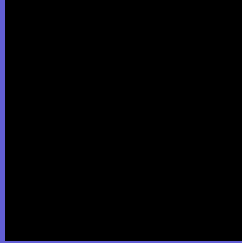
Any Text WCAG AA ✗ Fail

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 98, 94, 212 Background



This preview shows how black text looks on a background with the RGB color 98, 94, 212.

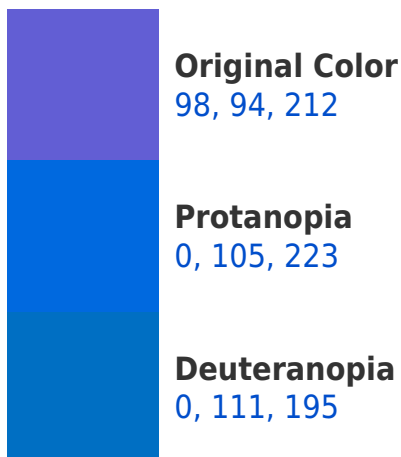



This preview shows how white text looks on a background with the RGB color 98, 94, 212.

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
68, 116, 126

Trichromacy



Original Color
98, 94, 212

Protanomaly
36, 101, 219

Deuteranomaly
36, 105, 201

Tritanomaly
79, 108, 157

Monochromacy



Original Color
98, 94, 212

Achromatopsia
109, 109, 109

Achromatomaly
105, 104, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 94, 212 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(98, 94, 212)` looks like.

```
.text, #text, p{  
    color:rgb(98, 94, 212)  
}
```

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(98, 94, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 94, 212) }
```

Border

The CSS property to change the border of an element to RGB 98, 94, 212 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(98, 94, 212) }
```

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

```
.border{ border-color:rgb(98, 94, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 94, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 94, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 94, 212);  
box-shadow:4px 4px 4px 4px rgb(98, 94,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 98, 94, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 94, 212) }
```

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

```
.background{ background-color: rgb(98, 94,  
212) }
```

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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