

Converting Colors

RGB(124, 93, 213)

Have a look what the booklet for
RGB(124, 93, 213) contains.

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Color

RGB(124, 93, 213)

Conversions

Conversions Part 1

Format	Color
Hex	7C5DD5
RGB	124, 93, 213
RGB Percent	49%, 36%, 84%
CMY	0.5137, 0.6353, 0.1647
CMYK	0.42, 0.56, 0.00, 0.16
HSL	256°, 59%, 60%
HSV	256°, 56%, 84%
XYZ	24.2368, 16.9179, 64.9388
YIQ	115.9490, -20.0440, 43.8920

Conversions

Conversions Part 2

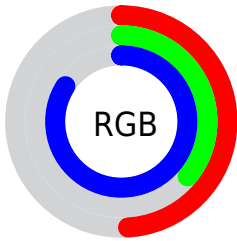
Format	Color
R_{YB}	124, 93, 213
Decimal	8150485
CIE _{Lab}	48.16, 40.53, -57.73
CIE _{LCh}	48, 70.540, 305.068
Yxy	16.9179, 0.2284, 0.1595
Android (android.graphics.Color)	4286340565 (0xFF7C5DD5)
YUV	115.9490, 47.8461, 7.0607
Hunter-Lab	41.1314, 33.2018, -64.8161

Details

The RGB color **124, 93, 213** 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 **182, 213, 93**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **181, 144, 255**, and **67, 45, 157** is the 20% darker color. If you saturate the color by 10%, you get **108, 72, 213**, and if you desaturate by 10%, it is **140, 114, 213**.

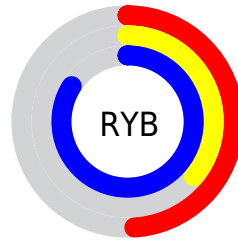
Distribution



Red (49%)

Green (36%)

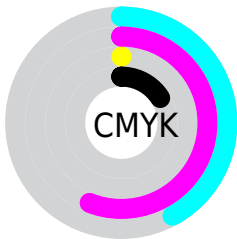
Blue (84%)



Red (49%)

Yellow (36%)

Blue (84%)

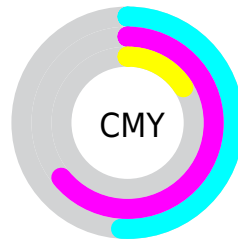


Cyan (42%)

Magenta (56%)

Yellow (0%)

Black (16%)



Cyan (51%)
















Magenta (64%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 93, 213 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, 93, 213 by changing the saturation by 10% instead.

 124, 93, 213	 124, 93, 213
255, 255, 255	 96, 69, 185
 181, 144, 255	 67, 45, 157
 210, 171, 255	 34, 22, 131
 240, 199, 255	 0, 1, 105
 255, 227, 255	 0, 0, 80
	 0, 5, 56
	 0, 2, 33
	 0, 0, 7
	 0, 0, 0


 124, 93, 213

 124, 93, 213


 108, 72, 213


 140, 114, 213


 92, 50, 213

 156, 136, 213

 77, 29, 213

 171, 157, 213

 61, 8, 213

 187, 178, 213

 55, 0, 213

 203, 200, 213

 219, 221, 213

 235, 242, 213

 250, 255, 213

 255, 255, 213

Harmonies

Analogous

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



0, 119, 234



124, 93, 213



192, 58, 166

Triad

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



124, 93, 213



177, 92, 0



0, 140, 123

Complementary

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



124, 93, 213



182, 213, 93

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, 137, 60



124, 93, 213



130, 115, 0

Square

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



124, 93, 213



209, 59, 49



66, 129, 0



0, 139, 182

Rectangle

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



124, 93, 213



212, 38, 127



66, 129, 0



0, 139, 102

Sweetspot

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



124, 93, 213



223, 212, 255



93, 183, 213



109, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 93, 213



126, 82, 255



183, 93, 213



99, 96, 107



44, 0, 171



11, 0, 43

Inverse Universe

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



213, 93, 182



255, 82, 210



123, 213, 93



107, 96, 104



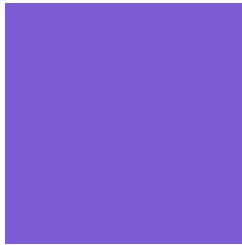
171, 0, 127



43, 0, 32

Previews

White Background



This preview shows how the RGB color 124, 93, 213 looks on a white background.

Color Contrast Check

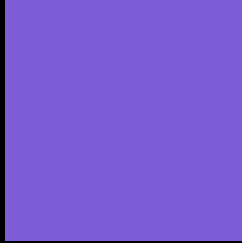
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93, 213 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, 93, 213 Background



This preview shows how black text looks on a background with the RGB color 124, 93, 213.

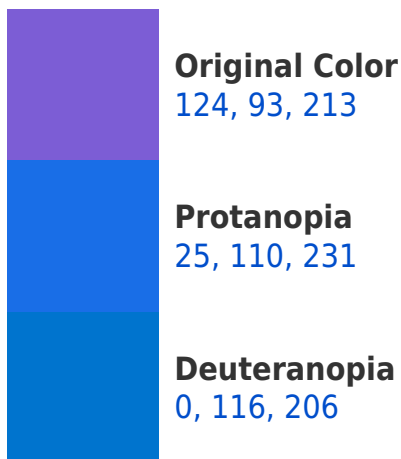


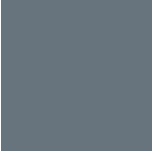
This preview shows how white text looks on a background with the RGB color 124, 93, 213.

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, 116, 125

Trichromacy



Original Color

124, 93, 213



Protanomaly

61, 104, 224



Deuteranomaly

45, 108, 209



Tritanomaly

111, 108, 157

Monochromacy



Original Color

124, 93, 213



Achromatopsia

116, 116, 116



Achromatomaly

119, 108, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 93, 213 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, 93, 213)` looks like.

```
.text, #text, p{  
    color:rgb(124, 93, 213)  
}
```

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, 93, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 93, 213) }
```

Border

The CSS property to change the border of an element to RGB 124, 93, 213 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, 93, 213) }
```

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

```
.border{ border-color:rgb(124, 93, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 93, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 93, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 93, 213);  
box-shadow:4px 4px 4px 4px rgb(124, 93,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 124, 93, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 93, 213) }
```

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

```
.background{ background-color: rgb(124, 93,  
213) }
```

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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