

Converting Colors

RGB(122, 93, 184)

Have a look what the booklet for
RGB(122, 93, 184) contains.

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Color

RGB(122, 93, 184)

Conversions

Conversions Part 1

Format	Color
Hex	7A5DB8
RGB	122, 93, 184
RGB Percent	48%, 36%, 72%
CMY	0.5216, 0.6353, 0.2784
CMYK	0.34, 0.49, 0.00, 0.28
HSL	259°, 39%, 54%
HSV	259°, 49%, 72%
XYZ	20.5921, 15.4270, 47.2398
YIQ	112.0450, -11.9270, 34.4490

Conversions

Conversions Part 2

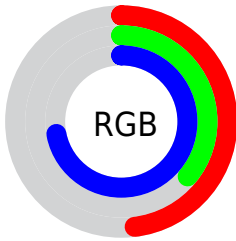
Format	Color
R_{YB}	122, 93, 184
Decimal	8019384
CIE _{Lab}	46.21, 32.14, -44.14
CIE _{LCh}	46, 54.603, 306.058
Yxy	15.4270, 0.2473, 0.1853
Android (android.graphics.Color)	4286209464 (0xFF7A5DB8)
YUV	112.0450, 35.4738, 8.7305
Hunter-Lab	39.2772, 24.8484, -43.8157

Details

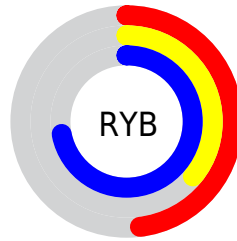
The RGB color **122, 93, 184** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **155, 184, 93**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **177, 144, 241**, and **69, 46, 130** is the 20% darker color. If you saturate the color by 10%, you get **109, 75, 184**, and if you desaturate by 10%, it is **135, 111, 184**.

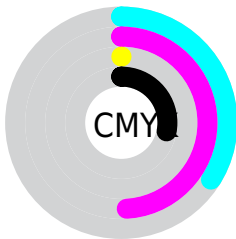
Distribution



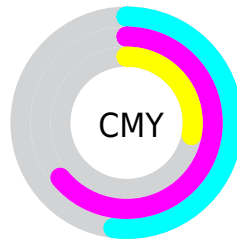
- Red (48%)
- Green (36%)
- Blue (72%)



- Red (48%)
- Yellow (36%)
- Blue (72%)



- Cyan (34%)
- Magenta (49%)
- Yellow (0%)
- Black (28%)



- Cyan (52%)
- Magenta (64%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 93, 184 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 122, 93, 184 by changing the saturation by 10% instead.

■ 122, 93, 184

■ 122, 93, 184

255, 255, 255

■ 95, 69, 157

■ 177, 144, 241

■ 69, 46, 130

■ 205, 171, 255

■ 42, 24, 105

■ 234, 198, 255

■ 10, 2, 80

■ 255, 226, 255

■ 0, 0, 56

■ 0, 2, 34

■ 0, 0, 8

■ 0, 0, 0

■ 122, 93, 184

■ 122, 93, 184


 109, 75, 184


 135, 111, 184

 97, 56, 184

 147, 130, 184

 84, 38, 184

 160, 148, 184

 72, 19, 184

 172, 167, 184

 59, 1, 184

 185, 185, 184

 59, 0, 184

 197, 203, 184

 210, 222, 184

 222, 240, 184

 235, 255, 184

Harmonies

Analogous

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



0, 112, 201



122, 93, 184



171, 72, 148

Triad

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



122, 93, 184



160, 93, 18



0, 131, 118

Complementary

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



122, 93, 184



155, 184, 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, 128, 70



122, 93, 184



123, 110, 0

Square

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



122, 93, 184



185, 73, 58



75, 122, 26



0, 130, 162

Rectangle

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



122, 93, 184



187, 63, 118



75, 122, 26



0, 130, 102

Sweetspot

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



122, 93, 184



215, 204, 240



93, 155, 184



105, 98, 120



247, 247, 247



120, 120, 120

Same Dimension

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



122, 93, 184



143, 98, 240



167, 93, 184



86, 83, 92



50, 0, 156



9, 0, 28

Inverse Universe

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



184, 93, 155



240, 98, 195



110, 184, 93



92, 83, 89



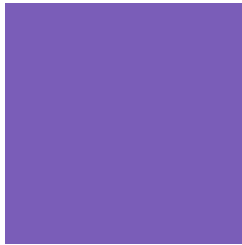
156, 0, 106



28, 0, 19

Previews

White Background



This preview shows how the RGB color 122, 93, 184 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 122, 93, 184 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 122, 93, 184 Background



This preview shows how black text looks on a background with the RGB color 122, 93, 184.

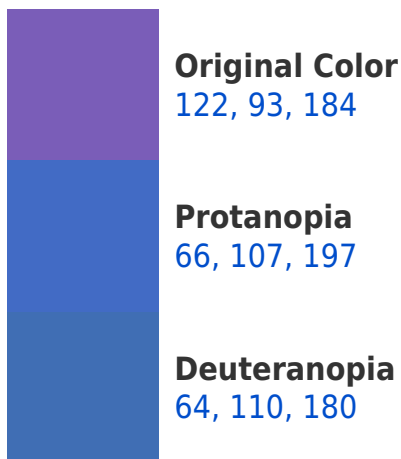



This preview shows how white text looks on a background with the RGB color 122, 93, 184.

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
108, 109, 118

Trichromacy



Original Color
122, 93, 184

Protanomaly
86, 102, 192

Deuteranomaly
85, 104, 181

Tritanomaly
113, 103, 142

Monochromacy



Original Color
122, 93, 184

Achromatopsia
112, 112, 112

Achromatomaly
116, 105, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 93, 184 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(122, 93, 184)` looks like.

```
.text, #text, p{  
    color:rgb(122, 93, 184)  
}
```

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(122, 93, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 93, 184) }
```

Border

The CSS property to change the border of an element to RGB 122, 93, 184 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(122, 93, 184) }
```

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

```
.border{ border-color:rgb(122, 93, 184) }
```

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

Here you see how a box with a 4 pixel rgb(122, 93, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 93, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 93, 184);  
box-shadow:4px 4px 4px 4px rgb(122, 93,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 122, 93, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 93, 184) }
```

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

```
.background{ background-color: rgb(122, 93,  
184) }
```

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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