

Converting Colors

RGB(129, 89, 197)

Have a look what the booklet for
RGB(129, 89, 197) contains.

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Color

RGB(129, 89, 197)

Conversions

Conversions Part 1

Format	Color
Hex	8159C5
RGB	129, 89, 197
RGB Percent	51%, 35%, 77%
CMY	0.4941, 0.6510, 0.2275
CMYK	0.35, 0.55, 0.00, 0.23
HSL	262°, 48%, 56%
HSV	262°, 55%, 77%
XYZ	22.7037, 15.8431, 54.6847
YIQ	113.2720, -10.8280, 42.0680

Conversions

Conversions Part 2

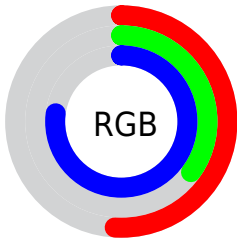
Format	Color
R _Y B	129, 89, 197
Decimal	8477125
CIE Lab	46.77, 39.68, -50.76
CIE LCh	47, 64.427, 308.019
Yxy	15.8431, 0.2435, 0.1699
Android (android.graphics.Color)	4286667205 (0xFF8159C5)
YUV	113.2720, 41.2779, 13.7935
Hunter-Lab	39.8034, 32.1597, -53.5944

Details

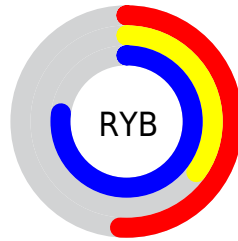
The RGB color **129, 89, 197** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **157, 197, 89**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **185, 140, 254**, and **74, 41, 142** is the 20% darker color. If you saturate the color by 10%, you get **117, 69, 197**, and if you desaturate by 10%, it is **141, 109, 197**.

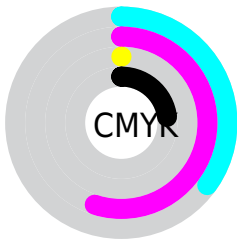
Distribution



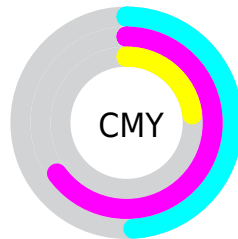
- Red (51%)
- Green (35%)
- Blue (77%)



- Red (51%)
- Yellow (35%)
- Blue (77%)



- Cyan (35%)
- Magenta (55%)
- Yellow (0%)
- Black (23%)



- Cyan (49%)
- Magenta (65%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 89, 197 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 129, 89, 197 by changing the saturation by 10% instead.

 129, 89, 197

255, 255, 255

 185, 140, 254

 214, 167, 255

 243, 195, 255

 255, 223, 255


 255, 252, 255

 129, 89, 197

 102, 65, 169

 74, 41, 142

 46, 17, 116

 11, 0, 91

 0, 0, 67

 0, 3, 43

 0, 1, 22

 0, 0, 0

 129, 89, 197

 129, 89, 197

117, 69, 197

141, 109, 197

104, 50, 197

154, 128, 197

92, 30, 197

166, 148, 197

79, 10, 197

179, 168, 197

73, 0, 197

191, 188, 197

203, 207, 197

216, 227, 197

228, 247, 197

241, 255, 197

Harmonies

Analogous

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



0, 113, 219



129, 89, 197



185, 60, 153

Triad

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



129, 89, 197



166, 93, 0



0, 135, 124

Complementary

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



129, 89, 197



157, 197, 89

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, 132, 68



129, 89, 197



121, 113, 0

Square

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



129, 89, 197



196, 66, 47



61, 126, 1



0, 134, 177

Rectangle

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



129, 89, 197



202, 47, 117



61, 126, 1



0, 134, 106

Sweetspot

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



129, 89, 197



229, 214, 255



89, 157, 197



112, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



129, 89, 197



149, 87, 255



183, 89, 197



93, 90, 99



60, 0, 163



13, 0, 36

Inverse Universe

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



197, 89, 157



255, 87, 193



103, 197, 89



99, 90, 96



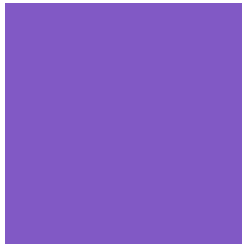
163, 0, 103



36, 0, 22

Previews

White Background



This preview shows how the RGB color 129, 89, 197 looks on a white background.

Color Contrast Check

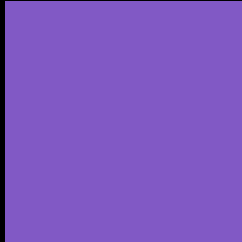
Large Text (above 18pt) WCAG AA ✓ Pass

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 129, 89, 197 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 129, 89, 197 Background



This preview shows how black text looks on a background with the RGB color 129, 89, 197.

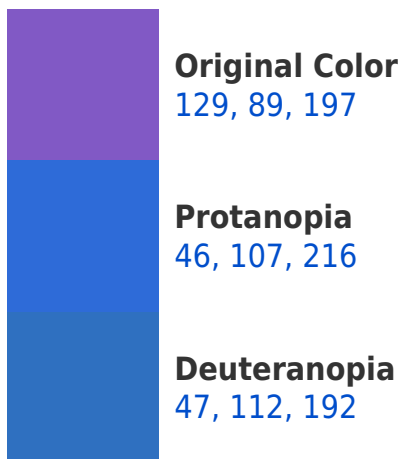



This preview shows how white text looks on a background with the RGB color 129, 89, 197.

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
113, 109, 118

Trichromacy



Original Color
129, 89, 197

Protanomaly
76, 100, 209

Deuteranomaly
77, 104, 194

Tritanomaly
119, 102, 147

Monochromacy



Original Color
129, 89, 197

Achromatopsia
113, 113, 113

Achromatomaly
119, 104, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 89, 197 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(129, 89, 197)` looks like.

```
.text, #text, p{  
    color:rgb(129, 89, 197)  
}
```

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(129, 89, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 89, 197) }
```

Border

The CSS property to change the border of an element to RGB 129, 89, 197 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(129, 89, 197) }
```

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

```
.border{ border-color:rgb(129, 89, 197) }
```

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

Here you see how a box with a 4 pixel rgb(129, 89, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 89, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 89, 197);  
box-shadow:4px 4px 4px 4px rgb(129, 89,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 129, 89, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 89, 197) }
```

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

```
.background{ background-color: rgb(129, 89,  
197) }
```

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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