

Converting Colors

RGB(111, 89, 201)

Have a look what the booklet for
RGB(111, 89, 201) contains.

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Color

RGB(111, 89, 201)

Conversions

Conversions Part 1

Format	Color
Hex	6F59C9
RGB	111, 89, 201
RGB Percent	44%, 35%, 79%
CMY	0.5647, 0.6510, 0.2118
CMYK	0.45, 0.56, 0.00, 0.21
HSL	252°, 51%, 57%
HSV	252°, 56%, 79%
XYZ	20.6705, 14.7413, 57.0142
YIQ	108.3460, -22.8400, 39.4960

Conversions

Conversions Part 2

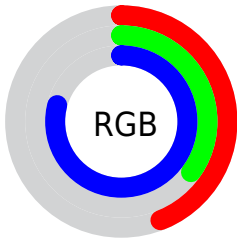
Format	Color
R_{YB}	111, 89, 201
Decimal	7297481
CIE _{Lab}	45.28, 36.55, -55.55
CIE _{LCh}	45, 66.499, 303.346
Yxy	14.7413, 0.2236, 0.1595
Android (android.graphics.Color)	4285487561 (0xFF6F59C9)
YUV	108.3460, 45.6784, 2.3276
Hunter-Lab	38.3944, 28.9095, -61.1673

Details

The RGB color **111, 89, 201** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **179, 201, 89**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **168, 140, 255**, and **53, 42, 146** is the 20% darker color. If you saturate the color by 10%, you get **95, 69, 201**, and if you desaturate by 10%, it is **127, 109, 201**.

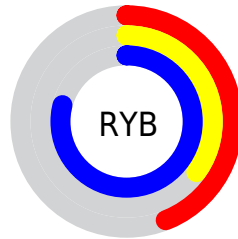
Distribution



Red (44%)

Green (35%)

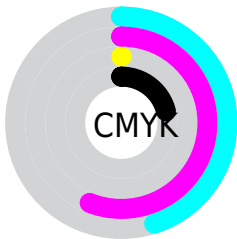
Blue (79%)



Red (44%)

Yellow (35%)

Blue (79%)

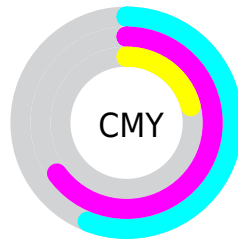


Cyan (45%)

Magenta (56%)

Yellow (0%)

Black (21%)



Cyan (56%)



















Magenta (65%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 111, 89, 201 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 111, 89, 201 by changing the saturation by 10% instead.

 111, 89, 201	 111, 89, 201
 255, 255, 255	 83, 65, 173
 168, 140, 255	 53, 42, 146
 196, 166, 255	 15, 20, 120
 226, 194, 255	 0, 0, 94
 255, 222, 255	 0, 0, 70
 255, 250, 255	 0, 4, 46
	 0, 1, 25
	 0, 0, 0
 111, 89, 201	 111, 89, 201

■ 95, 69, 201

■ 127, 109, 201

■ 79, 49, 201

■ 143, 129, 201

■ 63, 29, 201

■ 159, 149, 201

■ 46, 9, 201

■ 176, 169, 201

■ 39, 0, 201

■ 192, 190, 201

■ 208, 210, 201

■ 224, 230, 201

■ 240, 250, 201

■ 255, 255, 201

Harmonies

Analogous

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



0, 112, 219



111, 89, 201



177, 57, 158

Triad

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



111, 89, 201



168, 85, 0



0, 131, 112

Complementary

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



111, 89, 201



179, 201, 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, 128, 54



111, 89, 201



125, 107, 0

Square

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



111, 89, 201



197, 55, 49



66, 121, 0



0, 131, 167

Rectangle

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



111, 89, 201



197, 38, 122



66, 121, 0



0, 130, 93

Sweetspot

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



111, 89, 201



220, 212, 255



89, 180, 201



107, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



111, 89, 201



118, 84, 255



166, 89, 201



91, 90, 99



32, 0, 163



7, 0, 36

Inverse Universe

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



201, 89, 179



255, 84, 221



124, 201, 89



99, 90, 97



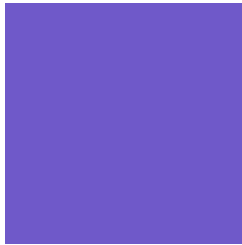
163, 0, 131



36, 0, 29

Previews

White Background



This preview shows how the RGB color 111, 89, 201 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 111, 89, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

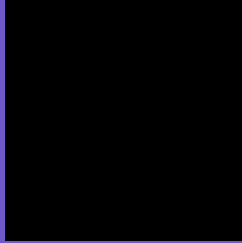
Any Text WCAG AA × Fail

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 111, 89, 201 Background



This preview shows how black text looks on a background with the RGB color 111, 89, 201.

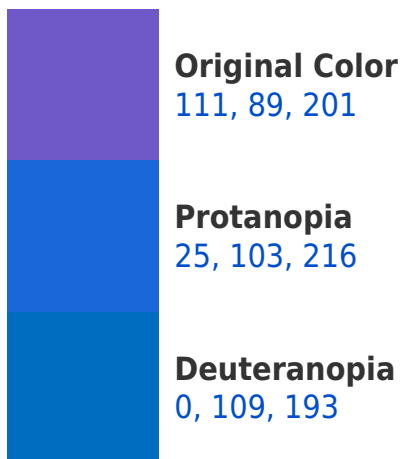


This preview shows how white text looks on a background with the RGB color 111, 89, 201.

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

90, 110, 119

Trichromacy



Original Color

111, 89, 201



Protanomaly

56, 98, 211



Deuteranomaly

40, 102, 196



Tritanomaly

98, 102, 149

Monochromacy



Original Color

111, 89, 201



Achromatopsia

108, 108, 108



Achromatomaly

109, 101, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 111, 89, 201 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(111, 89, 201)` looks like.

```
.text, #text, p{  
    color:rgb(111, 89, 201)  
}
```

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(111, 89, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 89, 201) }
```

Border

The CSS property to change the border of an element to RGB 111, 89, 201 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(111, 89, 201) }
```

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

```
.border{ border-color:rgb(111, 89, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 89, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 89, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 89, 201);  
box-shadow:4px 4px 4px 4px rgb(111, 89,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 111, 89, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 89, 201) }
```

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

```
.background{ background-color: rgb(111, 89,  
201) }
```

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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