

Converting Colors

RGB(132, 71, 201)

Have a look what the booklet for
RGB(132, 71, 201) contains.

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Color

RGB(132, 71, 201)

Conversions

Conversions Part 1

Format	Color
Hex	8447C9
RGB	132, 71, 201
RGB Percent	52%, 28%, 79%
CMY	0.4824, 0.7216, 0.2118
CMYK	0.34, 0.65, 0.00, 0.21
HSL	268°, 55%, 53%
HSV	268°, 65%, 79%
XYZ	22.3116, 13.6291, 56.7131
YIQ	104.0590, -5.3740, 53.3620

Conversions

Conversions Part 2

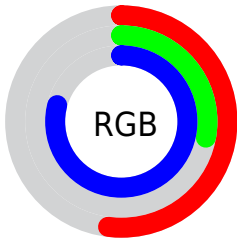
Format	Color
R_{YB}	132, 71, 201
Decimal	8669129
CIE _{Lab}	43.70, 51.13, -57.99
CIE _{LCh}	44, 77.312, 311.399
Yxy	13.6291, 0.2408, 0.1471
Android (android.graphics.Color)	4286859209 (0xFF8447C9)
YUV	104.0590, 47.7919, 24.5043
Hunter-Lab	36.9176, 43.2729, -65.2395

Details

The RGB color **132, 71, 201** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **140, 201, 71**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **189, 123, 255**, and **76, 17, 146** is the 20% darker color. If you saturate the color by 10%, you get **121, 51, 201**, and if you desaturate by 10%, it is **143, 91, 201**.

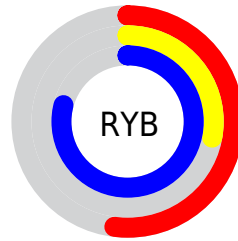
Distribution



Red (52%)

Green (28%)

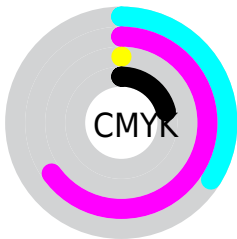
Blue (79%)



Red (52%)

Yellow (28%)

Blue (79%)

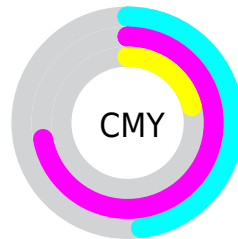


Cyan (34%)

Magenta (65%)

Yellow (0%)

Black (21%)



Cyan (48%)

Magenta (72%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 71, 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 132, 71, 201 by changing the saturation by 10% instead.

 132, 71, 201

 132, 71, 201

255, 255, 255

 104, 45, 173

 189, 123, 255

 76, 17, 146

 218, 150, 255

 46, 0, 120

 248, 177, 255

 10, 0, 94

 255, 205, 255

 0, 0, 69

 255, 234, 255

 0, 4, 46

 0, 1, 24

 0, 0, 0

 132, 71, 201

 132, 71, 201

■ 121, 51, 201

■ 143, 91, 201

■ 111, 31, 201

■ 153, 111, 201

■ 100, 11, 201

■ 164, 131, 201

■ 94, 0, 201

■ 175, 151, 201

■ 185, 172, 201

■ 196, 192, 201

■ 207, 212, 201

■ 217, 232, 201

■ 228, 252, 201

Harmonies

Analogous

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



0, 104, 231



132, 71, 201



194, 4, 146

Triad

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



132, 71, 201



158, 85, 0



0, 129, 127

Complementary

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



132, 71, 201



140, 201, 71

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, 127, 59



132, 71, 201



105, 108, 0

Square

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



132, 71, 201



196, 44, 17



1, 121, 0



0, 129, 188

Rectangle

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



132, 71, 201



210, 0, 103



1, 121, 0



0, 129, 105

Sweetspot

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



132, 71, 201



229, 207, 255



71, 140, 201



112, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



132, 71, 201



149, 56, 255



197, 71, 201



94, 90, 99



77, 0, 163



17, 0, 36

Inverse Universe

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



201, 71, 140



255, 56, 162



75, 201, 71



99, 90, 95



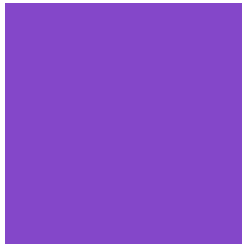
163, 0, 87



36, 0, 19

Previews

White Background



This preview shows how the RGB color 132, 71, 201 looks on a white background.

Color Contrast Check

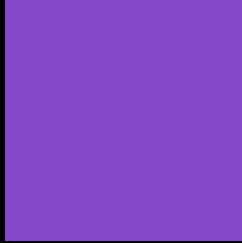
Large Text (above 18pt) WCAG AA ✓ Pass

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 132, 71, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

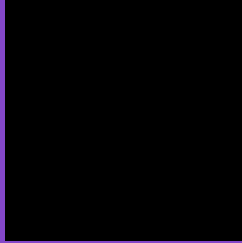
Any Text WCAG AA × Fail

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 132, 71, 201 Background



This preview shows how black text looks on a background with the RGB color 132, 71, 201.

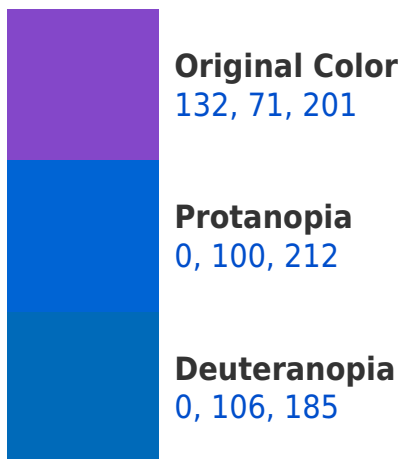


This preview shows how white text looks on a background with the RGB color 132, 71, 201.

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
113, 99, 107

Trichromacy



Original Color

132, 71, 201



Protanomaly

48, 89, 208



Deuteranomaly

48, 93, 191



Tritanomaly

120, 89, 141

Monochromacy



Original Color

132, 71, 201



Achromatopsia

104, 104, 104



Achromatomaly

114, 92, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 71, 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(132, 71, 201)` looks like.

```
.text, #text, p{  
    color:rgb(132, 71, 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(132, 71, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 71, 201) }
```

Border

The CSS property to change the border of an element to RGB 132, 71, 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(132, 71, 201) }
```

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

```
.border{ border-color:rgb(132, 71, 201) }
```

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

Here you see how a box with a 4 pixel rgb(132, 71, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 71, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 71, 201);  
box-shadow:4px 4px 4px 4px rgb(132, 71,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 132, 71, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 71, 201) }
```

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

```
.background{ background-color: rgb(132, 71,  
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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