

Converting Colors

RGB(142, 71, 234)

Have a look what the booklet for
RGB(142, 71, 234) contains.

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Color

RGB(142, 71, 234)

Conversions

Conversions Part 1

Format	Color
Hex	8E47EA
RGB	142, 71, 234
RGB Percent	56%, 28%, 92%
CMY	0.4431, 0.7216, 0.0824
CMYK	0.39, 0.70, 0.00, 0.08
HSL	266°, 80%, 60%
HSV	266°, 70%, 92%
XYZ	28.2598, 16.1978, 79.4789
YIQ	110.8110, -10.0070, 65.7450

Conversions

Conversions Part 2

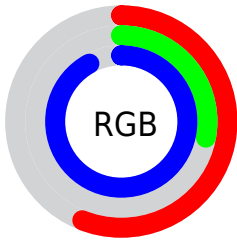
Format	Color
RYB	142, 71, 234
Decimal	9324522
CIELab	47.23, 61.16, -71.06
CIELCh	47, 93.754, 310.721
Yxy	16.1978, 0.2280, 0.1307
Android (android.graphics.Color)	4287514602 (0xFF8E47EA)
YUV	110.8110, 60.7322, 27.3528
Hunter-Lab	40.2465, 54.9060, -88.9137

Details

The RGB color **142, 71, 234** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **163, 234, 71**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **201, 124, 255**, and **82, 9, 177** is the 20% darker color. If you saturate the color by 10%, you get **129, 48, 234**, and if you desaturate by 10%, it is **155, 94, 234**.

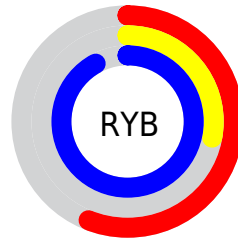
Distribution



Red (56%)

Green (28%)

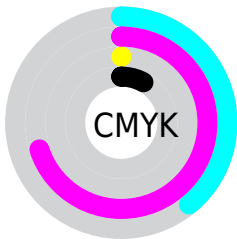
Blue (92%)



Red (56%)

Yellow (28%)

Blue (92%)

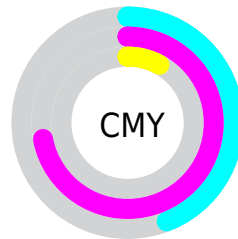


Cyan (39%)

Magenta (70%)

Yellow (0%)

Black (8%)



Cyan (44%)


Magenta (72%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 71, 234 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 142, 71, 234 by changing the saturation by 10% instead.

 142, 71, 234


 142, 71, 234

255, 255, 255

 112, 44, 205


 201, 124, 255

 82, 9, 177

 231, 152, 255

 49, 0, 150

 255, 180, 255

 0, 0, 123

 255, 208, 255

 0, 0, 97

 255, 237, 255

 0, 4, 72

 0, 4, 49

 0, 1, 27

 0, 0, 0

 142, 71, 234

 142, 71, 234


 129, 48, 234

 155, 94, 234

 116, 24, 234

 168, 118, 234

 102, 1, 234

 182, 141, 234

 102, 0, 234

 195, 165, 234

 208, 188, 234

 221, 211, 234

 234, 235, 234

 248, 255, 234

 255, 255, 234

Harmonies

Analogous

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



0, 115, 255



142, 71, 234



221, 0, 166

Triad

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



142, 71, 234



177, 88, 0



0, 142, 140

Complementary

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



142, 71, 234



163, 234, 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, 140, 55



142, 71, 234



111, 118, 0

Square

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



142, 71, 234



224, 17, 0



0, 133, 0



0, 142, 215

Rectangle

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



142, 71, 234



241, 0, 114



0, 133, 0



0, 142, 112

Sweetspot

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



142, 71, 234



225, 201, 255



71, 163, 234



110, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



142, 71, 234



134, 41, 255



223, 71, 234



111, 106, 117



79, 0, 181



23, 0, 54

Inverse Universe

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



234, 71, 163



255, 41, 162



82, 234, 71



117, 106, 112



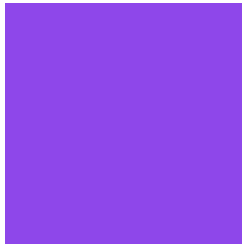
181, 0, 102



54, 0, 30

Previews

White Background



This preview shows how the RGB color 142, 71, 234 looks on a white background.

Color Contrast Check

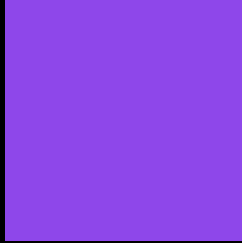
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 71, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

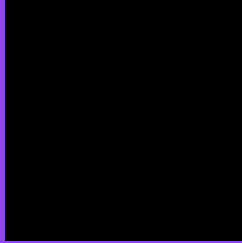
Any Text WCAG AA × Fail

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 142, 71, 234 Background



This preview shows how black text looks on a background with the RGB color 142, 71, 234.

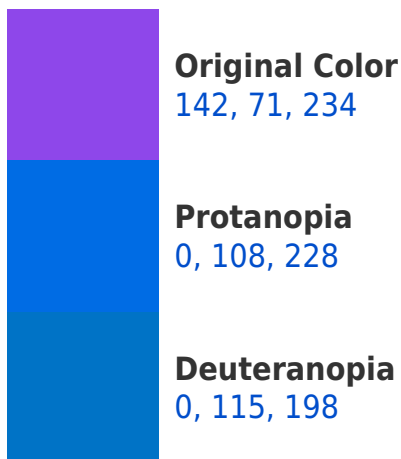



This preview shows how white text looks on a background with the RGB color 142, 71, 234.

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





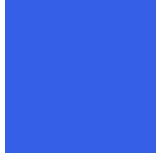
Tritanopia
117, 109, 118

Trichromacy



Original Color

142, 71, 234



Protanomaly

52, 95, 230



Deuteranomaly

52, 99, 211



Tritanomaly

126, 95, 160

Monochromacy



Original Color

142, 71, 234



Achromatopsia

111, 111, 111



Achromatomaly

122, 96, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 71, 234 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(142, 71, 234)` looks like.

```
.text, #text, p{  
    color:rgb(142, 71, 234)  
}
```

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(142, 71, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 71, 234) }
```

Border

The CSS property to change the border of an element to RGB 142, 71, 234 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(142, 71, 234) }
```

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

```
.border{ border-color:rgb(142, 71, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 71, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 71, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 71, 234);  
box-shadow:4px 4px 4px 4px rgb(142, 71,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 142, 71, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 71, 234) }
```

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

```
.background{ background-color: rgb(142, 71,  
234) }
```

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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