

Converting Colors

RGB(133, 67, 224)

Have a look what the booklet for
RGB(133, 67, 224) contains.

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Color

RGB(133, 67, 224)

Conversions

Conversions Part 1

Format	Color
Hex	8543E0
RGB	133, 67, 224
RGB Percent	52%, 26%, 88%
CMY	0.4784, 0.7373, 0.1216
CMYK	0.41, 0.70, 0.00, 0.12
HSL	265°, 72%, 57%
HSV	265°, 70%, 88%
XYZ	25.1346, 14.3827, 71.9724
YIQ	104.6320, -11.0610, 62.8190

Conversions

Conversions Part 2

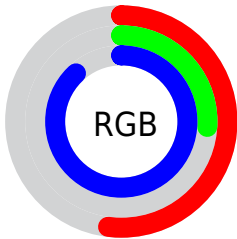
Format	Color
R _Y B	133, 67, 224
Decimal	8733664
CIE Lab	44.78, 58.96, -69.43
CIE LCh	45, 91.091, 310.339
Yxy	14.3827, 0.2254, 0.1290
Android (android.graphics.Color)	4286923744 (0xFF8543E0)
YUV	104.6320, 58.8484, 24.8787
Hunter-Lab	37.9245, 51.9335, -85.9723

Details

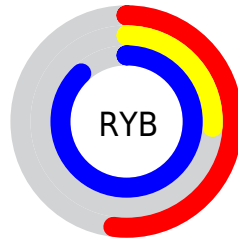
The RGB color **133, 67, 224** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **158, 224, 67**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **192, 120, 255**, and **73, 5, 168** is the 20% darker color. If you saturate the color by 10%, you get **120, 45, 224**, and if you desaturate by 10%, it is **146, 89, 224**.

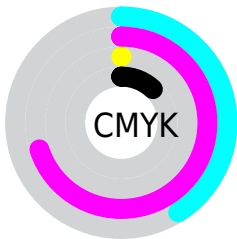
Distribution



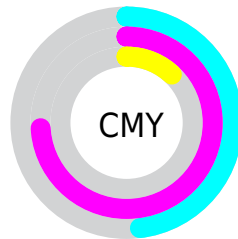
- Red (52%)
- Green (26%)
- Blue (88%)



- Red (52%)
- Yellow (26%)
- Blue (88%)



- Cyan (41%)
- Magenta (70%)
- Yellow (0%)
- Black (12%)



- Cyan (48%)
- Magenta (74%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 67, 224 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 133, 67, 224 by changing the saturation by 10% instead.



133, 67, 224



133, 67, 224

255, 255, 255



103, 40, 195



192, 120, 255



73, 5, 168



222, 147, 255



39, 0, 140



252, 175, 255



0, 0, 114



255, 203, 255



0, 0, 88



255, 232, 255



0, 7, 64



0, 3, 41



0, 1, 19



0, 0, 0

■ 133, 67, 224

■ 133, 67, 224

■ 120, 45, 224

■ 146, 89, 224

■ 107, 22, 224

■ 159, 112, 224

■ 94, 0, 224

■ 172, 134, 224

■ 185, 157, 224

■ 198, 179, 224

■ 211, 201, 224

■ 224, 224, 224

■ 237, 246, 224

■ 250, 255, 224

Harmonies

Analogous

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



0, 109, 255



133, 67, 224



210, 0, 159

Triad

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



133, 67, 224



169, 82, 0



0, 135, 131

Complementary

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



133, 67, 224



158, 224, 67

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, 50



133, 67, 224



106, 112, 0

Square

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



133, 67, 224



214, 7, 0



0, 126, 0



0, 135, 204

Rectangle

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



133, 67, 224



229, 0, 109



0, 126, 0



0, 134, 105

Sweetspot

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



133, 67, 224



224, 201, 255



67, 159, 224



109, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



133, 67, 224



131, 41, 255



211, 67, 224



106, 101, 112



74, 0, 176



20, 0, 48

Inverse Universe

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



224, 67, 158



255, 41, 165



80, 224, 67



112, 101, 107



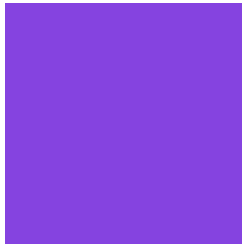
176, 0, 102



48, 0, 28

Previews

White Background



This preview shows how the RGB color 133, 67, 224 looks on a white background.

Color Contrast Check

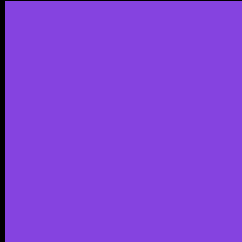
Large Text (above 18pt) WCAG AA ✓ Pass

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 133, 67, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

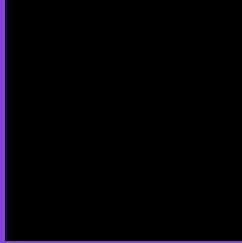
Any Text WCAG AA × Fail

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 133, 67, 224 Background



This preview shows how black text looks on a background with the RGB color 133, 67, 224.

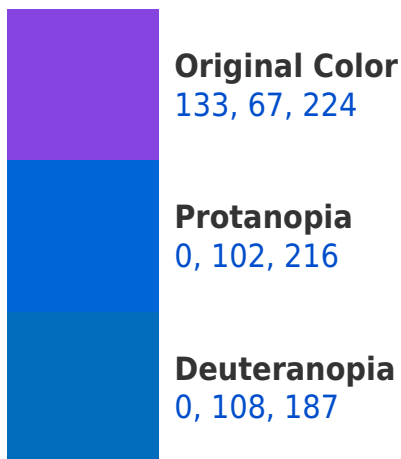



This preview shows how white text looks on a background with the RGB color 133, 67, 224.

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, 104, 112

Trichromacy



Original Color

133, 67, 224



Protanomaly

48, 89, 219



Deuteranomaly

48, 93, 200



Tritanomaly

117, 91, 153

Monochromacy



Original Color

133, 67, 224



Achromatopsia

105, 105, 105



Achromatomaly

115, 91, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 67, 224 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(133, 67, 224)` looks like.

```
.text, #text, p{  
    color:rgb(133, 67, 224)  
}
```

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(133, 67, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 67, 224) }
```

Border

The CSS property to change the border of an element to RGB 133, 67, 224 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(133, 67, 224) }
```

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

```
.border{ border-color:rgb(133, 67, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 67, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 67, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 67, 224);  
box-shadow:4px 4px 4px 4px rgb(133, 67,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 133, 67, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 67, 224) }
```

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

```
.background{ background-color: rgb(133, 67,  
224) }
```

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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