

Converting Colors

RGB(133, 41, 169)

Have a look what the booklet for
RGB(133, 41, 169) contains.

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Color

RGB(133, 41, 169)

Conversions

Conversions Part 1

Format	Color
Hex	8529A9
RGB	133, 41, 169
RGB Percent	52%, 16%, 66%
CMY	0.4784, 0.8392, 0.3373
CMYK	0.21, 0.76, 0.00, 0.34
HSL	283°, 61%, 41%
HSV	283°, 76%, 66%
XYZ	17.6272, 9.4370, 38.4286
YIQ	83.1000, 13.7440, 59.3120

Conversions

Conversions Part 2

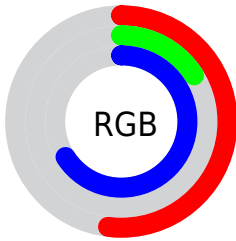
Format	Color
R_{YB}	133, 41, 169
Decimal	8726953
CIE _{Lab}	36.81, 57.50, -50.28
CIE _{LCh}	37, 76.382, 318.829
Yxy	9.4370, 0.2691, 0.1441
Android (android.graphics.Color)	4286917033 (0xFF8529A9)
YUV	83.1000, 42.3487, 43.7623
Hunter-Lab	30.7197, 48.6655, -52.6646

Details

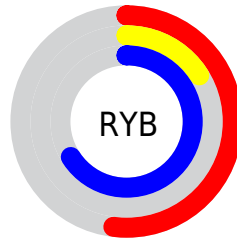
The RGB color **133, 41, 169** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **77, 169, 41**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **190, 96, 225**, and **78, 0, 116** is the 20% darker color. If you saturate the color by 10%, you get **128, 24, 169**, and if you desaturate by 10%, it is **138, 58, 169**.

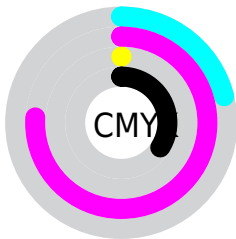
Distribution



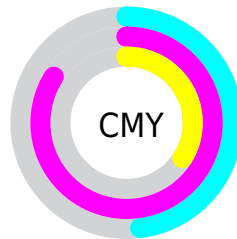
- Red (52%)
- Green (16%)
- Blue (66%)



- Red (52%)
- Yellow (16%)
- Blue (66%)



- Cyan (21%)
- Magenta (76%)
- Yellow (0%)
- Black (34%)




- Cyan (48%)
- Magenta (84%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 41, 169 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, 41, 169 by changing the saturation by 10% instead.

 133, 41, 169

 133, 41, 169


255, 255, 255

 105, 2, 142


 190, 96, 225

 78, 0, 116

 219, 123, 254

 51, 0, 91

 248, 151, 255

 25, 0, 66

 255, 179, 255

 0, 3, 43

 255, 207, 255

 0, 1, 21

 255, 236, 255

 0, 0, 0

 133, 41, 169

 133, 41, 169

 128, 24, 169

 138, 58, 169

■ 123, 7, 169

■ 143, 75, 169

■ 121, 0, 169

■ 147, 92, 169

■ 152, 109, 169

■ 157, 125, 169

■ 162, 142, 169

■ 166, 159, 169

■ 171, 176, 169

■ 176, 193, 169

Harmonies

Analogous

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



0, 82, 206



133, 41, 169



180, 0, 112

Triad

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



133, 41, 169



125, 76, 0



0, 111, 125

Complementary

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



133, 41, 169



77, 169, 41

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, 109, 61



133, 41, 169



70, 95, 0

Square

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



133, 41, 169



166, 38, 0



0, 105, 0



0, 110, 180

Rectangle

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



133, 41, 169



189, 0, 72



0, 105, 0



0, 110, 104

Sweetspot

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



133, 41, 169



205, 169, 219



41, 77, 169



101, 79, 110



237, 237, 237



110, 110, 110

Same Dimension

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



133, 41, 169



163, 20, 219



169, 41, 141



82, 76, 84



106, 0, 148



15, 0, 20

Inverse Universe

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



169, 41, 77



219, 20, 76



41, 169, 69



84, 76, 78



148, 0, 42



20, 0, 6

Previews

White Background



This preview shows how the RGB color 133, 41, 169 looks on a white background.

Color Contrast Check

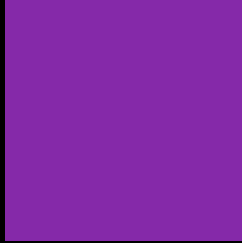
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 133, 41, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

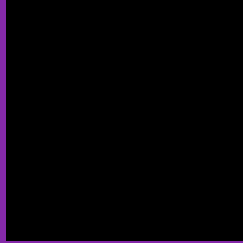
Any Text WCAG AA × Fail

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, 41, 169 Background



This preview shows how black text looks on a background with the RGB color 133, 41, 169.

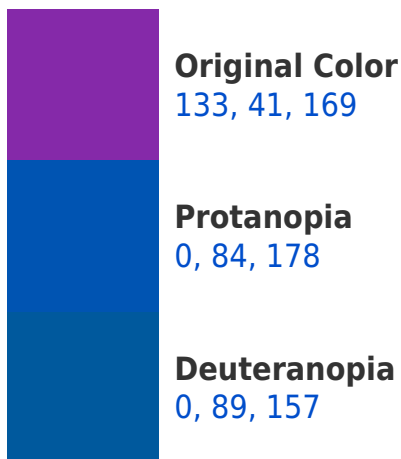


This preview shows how white text looks on a background with the RGB color 133, 41, 169.

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
120, 74, 80

Trichromacy



Original Color

133, 41, 169



Protanomaly

48, 68, 175



Deuteranomaly

48, 72, 161



Tritanomaly

125, 62, 112

Monochromacy



Original Color

133, 41, 169



Achromatopsia

83, 83, 83



Achromatomaly

101, 68, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 41, 169 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, 41, 169)` looks like.

```
.text, #text, p{  
    color:rgb(133, 41, 169)  
}
```

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, 41, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 41, 169) }
```

Border

The CSS property to change the border of an element to RGB 133, 41, 169 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, 41, 169) }
```

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

```
.border{ border-color:rgb(133, 41, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 41, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 41, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 41, 169);  
box-shadow:4px 4px 4px 4px rgb(133, 41,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 133, 41, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 41, 169) }
```

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

```
.background{ background-color: rgb(133, 41,  
169) }
```

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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