

Converting Colors

RGB(133, 40, 173)

Have a look what the booklet for
RGB(133, 40, 173) contains.

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Color

RGB(133, 40, 173)

Conversions

Conversions Part 1

Format	Color
Hex	8528AD
RGB	133, 40, 173
RGB Percent	52%, 16%, 68%
CMY	0.4784, 0.8431, 0.3216
CMYK	0.23, 0.77, 0.00, 0.32
HSL	282°, 62%, 42%
HSV	282°, 77%, 68%
XYZ	17.9745, 9.5213, 40.4256
YIQ	82.9690, 12.7350, 61.0790

Conversions

Conversions Part 2

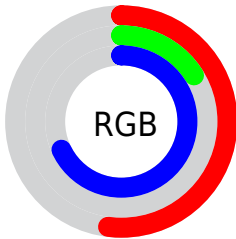
Format	Color
R _Y B	133, 40, 173
Decimal	8726701
CIE Lab	36.97, 58.68, -52.42
CIE LCh	37, 78.685, 318.226
Yxy	9.5213, 0.2646, 0.1402
Android (android.graphics.Color)	4286916781 (0xFF8528AD)
YUV	82.9690, 44.3853, 43.8772
Hunter-Lab	30.8565, 49.9805, -56.0771

Details

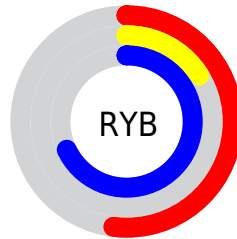
The RGB color **133, 40, 173** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **80, 173, 40**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **190, 96, 229**, and **78, 0, 120** is the 20% darker color. If you saturate the color by 10%, you get **128, 23, 173**, and if you desaturate by 10%, it is **138, 57, 173**.

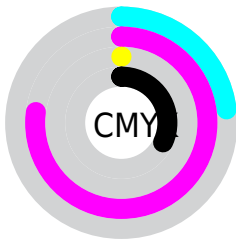
Distribution



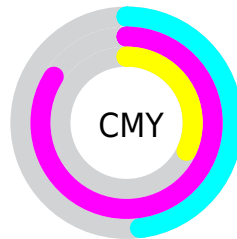
- Red (52%)
- Green (16%)
- Blue (68%)



- Red (52%)
- Yellow (16%)
- Blue (68%)



- Cyan (23%)
- Magenta (77%)
- Yellow (0%)
- Black (32%)



- Cyan (48%)
- Magenta (84%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 40, 173 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, 40, 173 by changing the saturation by 10% instead.



133, 40, 173



133, 40, 173

255, 255, 255



105, 0, 146



190, 96, 229



78, 0, 120



219, 123, 255



50, 0, 94



249, 150, 255



23, 0, 70



255, 178, 255



0, 2, 46



255, 207, 255



0, 1, 24



255, 236, 255



0, 0, 0



133, 40, 173



133, 40, 173



128, 23, 173



138, 57, 173

123, 5, 173

143, 75, 173

121, 0, 173

149, 92, 173

154, 109, 173

159, 127, 173

164, 144, 173

169, 161, 173

175, 178, 173

180, 196, 173

Harmonies

Analogous

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



0, 82, 210



133, 40, 173



183, 0, 115

Triad

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



133, 40, 173



127, 75, 0



0, 112, 125

Complementary

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



133, 40, 173



80, 173, 40

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, 110, 59



133, 40, 173



70, 96, 0

Square

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



133, 40, 173



169, 34, 0



0, 106, 0



0, 111, 182

Rectangle

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



133, 40, 173



192, 0, 73



0, 106, 0



0, 111, 104

Sweetspot

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



133, 40, 173



209, 173, 224



40, 82, 173



103, 81, 112



240, 240, 240



112, 112, 112

Same Dimension

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



133, 40, 173



162, 18, 224



173, 40, 149



84, 78, 87



105, 0, 150



16, 0, 23

Inverse Universe

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



173, 40, 80



224, 18, 80



40, 173, 64



87, 78, 81



150, 0, 45



23, 0, 7

Previews

White Background



This preview shows how the RGB color 133, 40, 173 looks on a white background.

Color Contrast Check

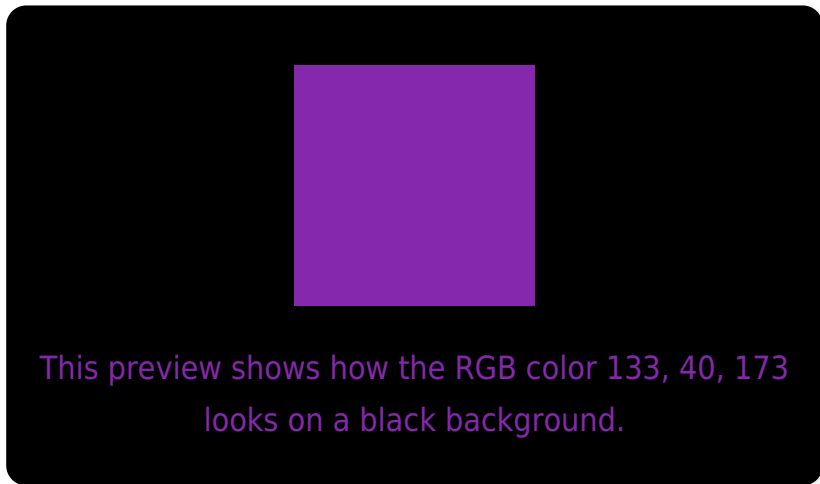
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

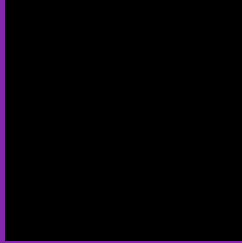
Any Text WCAG AA × Fail

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, 40, 173 Background



This preview shows how black text looks on a background with the RGB color 133, 40, 173.

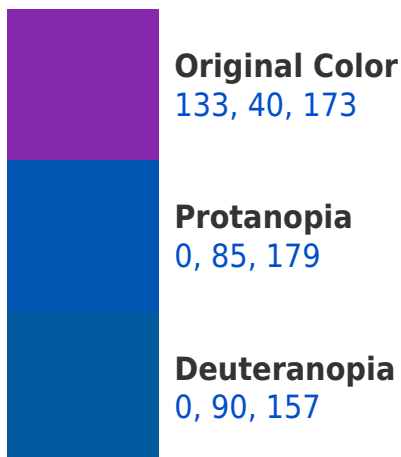


This preview shows how white text looks on a background with the RGB color 133, 40, 173.

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
119, 75, 81

Trichromacy



Original Color

133, 40, 173



Protanomaly

48, 69, 177



Deuteranomaly

48, 72, 163



Tritanomaly

124, 62, 114

Monochromacy



Original Color

133, 40, 173



Achromatopsia

83, 83, 83



Achromatomaly

101, 67, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 40, 173 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, 40, 173)` looks like.

```
.text, #text, p{  
    color:rgb(133, 40, 173)  
}
```

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, 40, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 40, 173) }
```

Border

The CSS property to change the border of an element to RGB 133, 40, 173 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, 40, 173) }
```

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

```
.border{ border-color:rgb(133, 40, 173) }
```

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

Here you see how a box with a 4 pixel rgb(133, 40, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 40, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 40, 173);  
box-shadow:4px 4px 4px 4px rgb(133, 40,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 133, 40, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 40, 173) }
```

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

```
.background{ background-color: rgb(133, 40,  
173) }
```

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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