

Converting Colors

RGB(133, 84, 173)

Have a look what the booklet for
RGB(133, 84, 173) contains.

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Color

RGB(133, 84, 173)

Conversions

Conversions Part 1

Format	Color
Hex	8554AD
RGB	133, 84, 173
RGB Percent	52%, 33%, 68%
CMY	0.4784, 0.6706, 0.3216
CMYK	0.23, 0.51, 0.00, 0.32
HSL	273°, 35%, 50%
HSV	273°, 51%, 68%
XYZ	20.3860, 14.3443, 41.2294
YIQ	108.7970, 0.6350, 38.0670

Conversions

Conversions Part 2

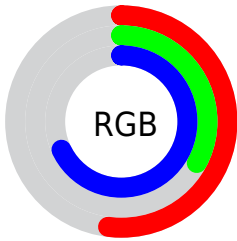
Format	Color
R_{YB}	133, 84, 173
Decimal	8737965
CIE _{Lab}	44.72, 37.56, -40.00
CIE _{LCh}	45, 54.869, 313.200
Yxy	14.3443, 0.2684, 0.1888
Android (android.graphics.Color)	4286928045 (0xFF8554AD)
YUV	108.7970, 31.6521, 21.2260
Hunter-Lab	37.8739, 29.8001, -38.0312

Details

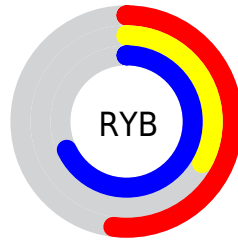
The RGB color **133, 84, 173** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **124, 173, 84**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **188, 135, 229**, and **80, 36, 120** is the 20% darker color. If you saturate the color by 10%, you get **125, 67, 173**, and if you desaturate by 10%, it is **141, 101, 173**.

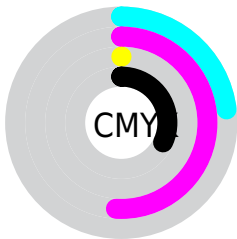
Distribution



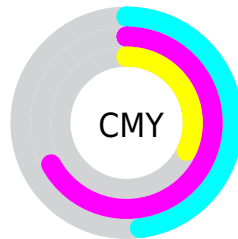
- Red (52%)
- Green (33%)
- Blue (68%)



- Red (52%)
- Yellow (33%)
- Blue (68%)



- Cyan (23%)
- Magenta (51%)
- Yellow (0%)
- Black (32%)



- Cyan (48%)
- Magenta (67%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 84, 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, 84, 173 by changing the saturation by 10% instead.



133, 84, 173



133, 84, 173

255, 255, 255



106, 60, 146



188, 135, 229



80, 36, 120



217, 162, 255



55, 11, 95



246, 189, 255



30, 0, 71



255, 217, 255



0, 0, 47



255, 246, 255



0, 1, 26



0, 0, 0



133, 84, 173



133, 84, 173



125, 67, 173



141, 101, 173

■ 117, 49, 173

■ 149, 119, 173

■ 110, 32, 173

■ 156, 136, 173

■ 102, 15, 173

■ 164, 153, 173

■ 95, 0, 173

■ 172, 171, 173

■ 180, 188, 173

■ 187, 205, 173

■ 195, 222, 173

■ 203, 240, 173

Harmonies

Analogous

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



38, 104, 195



133, 84, 173



174, 63, 133

Triad

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



133, 84, 173



148, 94, 1



0, 127, 125

Complementary

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



133, 84, 173



124, 173, 84

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, 125, 78



133, 84, 173



109, 110, 0

Square

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



133, 84, 173



176, 74, 45



55, 120, 32



0, 125, 168

Rectangle

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



133, 84, 173



186, 57, 103



55, 120, 32



0, 127, 110

Sweetspot

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



133, 84, 173



209, 191, 224



84, 124, 173



103, 92, 112



240, 240, 240



112, 112, 112

Same Dimension

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



133, 84, 173



162, 85, 224



173, 84, 169



83, 78, 87



83, 0, 150



13, 0, 23

Inverse Universe

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



173, 84, 124



224, 85, 148



84, 173, 88



87, 78, 82



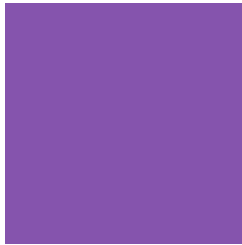
150, 0, 68



23, 0, 10

Previews

White Background



This preview shows how the RGB color 133, 84, 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 × Fail

Black Background



This preview shows how the RGB color 133, 84, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

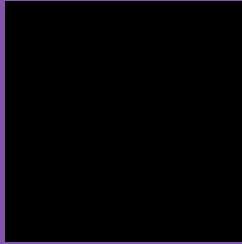
Any Text WCAG AA × Fail

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, 84, 173 Background



This preview shows how black text looks on a background with the RGB color 133, 84, 173.

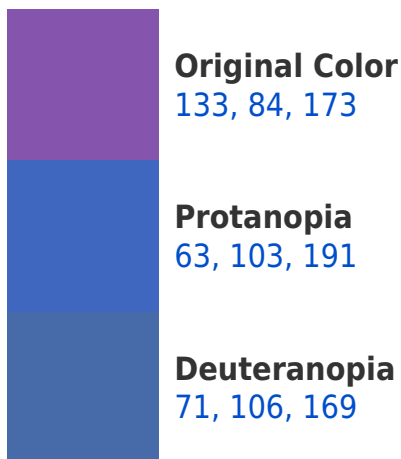


This preview shows how white text looks on a background with the RGB color 133, 84, 173.

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
122, 100, 108

Trichromacy



Original Color

133, 84, 173



Protanomaly

88, 96, 184



Deuteranomaly

94, 98, 170



Tritanomaly

126, 94, 132

Monochromacy



Original Color

133, 84, 173



Achromatopsia

109, 109, 109



Achromatomaly

118, 100, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 84, 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, 84, 173)` looks like.

```
.text, #text, p{  
    color:rgb(133, 84, 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, 84, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 84, 173) }
```

Border

The CSS property to change the border of an element to RGB 133, 84, 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, 84, 173) }
```

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

```
.border{ border-color:rgb(133, 84, 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, 84, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 84, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 84, 173);  
box-shadow:4px 4px 4px 4px rgb(133, 84,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 133, 84, 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, 84, 173) }
```

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

```
.background{ background-color: rgb(133, 84,  
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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