

Converting Colors

RGB(135, 84, 160)

Have a look what the booklet for
RGB(135, 84, 160) contains.

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Color

RGB(135, 84, 160)

Conversions

Conversions Part 1

Format	Color
Hex	8754A0
RGB	135, 84, 160
RGB Percent	53%, 33%, 63%
CMY	0.4706, 0.6706, 0.3725
CMYK	0.16, 0.48, 0.00, 0.37
HSL	280°, 31%, 48%
HSV	280°, 48%, 63%
XYZ	19.5072, 14.0296, 34.9376
YIQ	107.9130, 6.0000, 34.4480

Conversions

Conversions Part 2

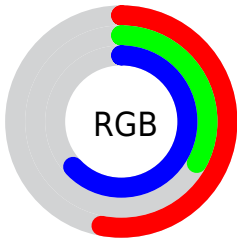
Format	Color
R _Y B	135, 84, 160
Decimal	8869024
CIE Lab	44.28, 35.12, -33.00
CIE LCh	44, 48.194, 316.787
Yxy	14.0296, 0.2849, 0.2049
Android (android.graphics.Color)	4287059104 (0xFF8754A0)
YUV	107.9130, 25.6789, 23.7553
Hunter-Lab	37.4561, 27.4147, -29.0840

Details

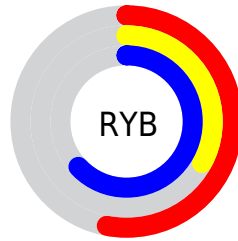
The RGB color **135, 84, 160** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **109, 160, 84**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **190, 135, 215**, and **83, 36, 108** is the 20% darker color. If you saturate the color by 10%, you get **130, 68, 160**, and if you desaturate by 10%, it is **140, 100, 160**.

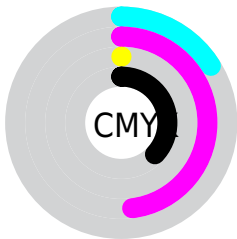
Distribution



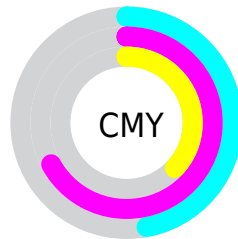
- Red (53%)
- Green (33%)
- Blue (63%)



- Red (53%)
- Yellow (33%)
- Blue (63%)



- Cyan (16%)
- Magenta (48%)
- Yellow (0%)
- Black (37%)




- Cyan (47%)
- Magenta (67%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RGB color 135, 84, 160 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 135, 84, 160 by changing the saturation by 10% instead.

 135, 84, 160

255, 255, 255

 190, 135, 215

 218, 162, 244


 247, 189, 255

 255, 217, 255

 255, 246, 255


 135, 84, 160

 130, 68, 160

 135, 84, 160

 109, 60, 134

 83, 36, 108

 58, 11, 83


 35, 0, 60

 0, 0, 37

 0, 1, 14

 0, 0, 0

 135, 84, 160

 140, 100, 160

124, 52, 160

146, 116, 160

119, 36, 160

151, 132, 160

114, 20, 160

156, 148, 160

109, 4, 160

161, 164, 160

107, 0, 160

167, 180, 160

172, 196, 160

177, 212, 160

182, 228, 160

Harmonies

Analogous

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



70, 101, 182



135, 84, 160



168, 69, 124

Triad

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



135, 84, 160



140, 96, 19



0, 124, 127

Complementary

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



135, 84, 160



109, 160, 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, 123, 85



135, 84, 160



104, 110, 17

Square

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



135, 84, 160



166, 80, 47



56, 118, 46



0, 121, 162

Rectangle

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



135, 84, 160



177, 66, 97



56, 118, 46



0, 124, 113

Sweetspot

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



135, 84, 160



199, 180, 209



84, 109, 160



99, 87, 105



232, 232, 232



105, 105, 105

Same Dimension

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



135, 84, 160



170, 90, 209



160, 84, 147



76, 71, 79



96, 0, 143



10, 0, 15

Inverse Universe

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



160, 84, 109



209, 90, 129



84, 160, 97



79, 71, 74



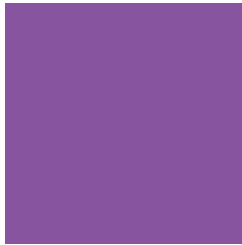
143, 0, 47



15, 0, 5

Previews

White Background



This preview shows how the RGB color 135, 84, 160 looks on a white background.

Color Contrast Check

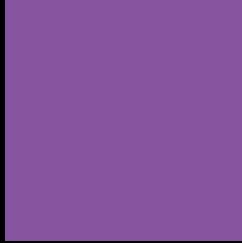
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 84, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

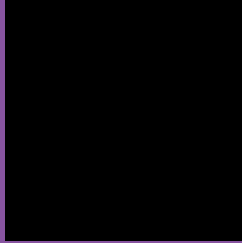
Any Text WCAG AA × Fail

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 135, 84, 160 Background



This preview shows how black text looks on a background with the RGB color 135, 84, 160.

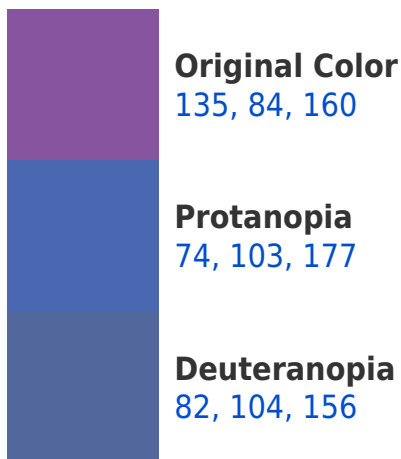


This preview shows how white text looks on a background with the RGB color 135, 84, 160.

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
126, 97, 104

Trichromacy



Original Color
135, 84, 160

Protanomaly
96, 96, 171

Deuteranomaly
101, 97, 157

Tritanomaly
129, 92, 124

Monochromacy



Original Color
135, 84, 160

Achromatopsia
108, 108, 108

Achromatomaly
118, 99, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 84, 160 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(135, 84, 160)` looks like.

```
.text, #text, p{  
    color:rgb(135, 84, 160)  
}
```

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(135, 84, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 84, 160) }
```

Border

The CSS property to change the border of an element to RGB 135, 84, 160 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(135, 84, 160) }
```

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

```
.border{ border-color:rgb(135, 84, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 84, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 84, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 84, 160);  
box-shadow:4px 4px 4px 4px rgb(135, 84,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 135, 84, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 84, 160) }
```

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

```
.background{ background-color: rgb(135, 84,  
160) }
```

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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