

Converting Colors

RGB(134, 84, 149)

Have a look what the booklet for
RGB(134, 84, 149) contains.

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Color

RGB(134, 84, 149)

Conversions

Conversions Part 1

Format	Color
Hex	865495
RGB	134, 84, 149
RGB Percent	53%, 33%, 58%
CMY	0.4745, 0.6706, 0.4157
CMYK	0.10, 0.44, 0.00, 0.42
HSL	286°, 28%, 46%
HSV	286°, 44%, 58%
XYZ	18.4267, 13.5789, 30.0836
YIQ	106.3600, 8.9350, 30.8150

Conversions

Conversions Part 2

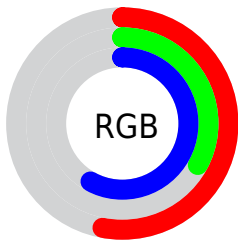
Format	Color
R_{YB}	134, 84, 149
Decimal	8803477
CIE _{Lab}	43.62, 32.39, -27.46
CIE _{LCh}	44, 42.465, 319.702
Yxy	13.5789, 0.2968, 0.2187
Android (android.graphics.Color)	4286993557 (0xFF865495)
YUV	106.3600, 21.0215, 24.2403
Hunter-Lab	36.8496, 24.7723, -22.6090

Details

The RGB color **134, 84, 149** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **99, 149, 84**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **188, 135, 203**, and **83, 36, 98** is the 20% darker color. If you saturate the color by 10%, you get **131, 69, 149**, and if you desaturate by 10%, it is **137, 99, 149**.

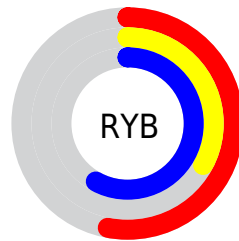
Distribution



Red (53%)

Green (33%)

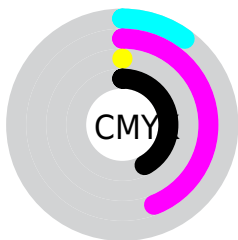
Blue (58%)



Red (53%)

Yellow (33%)

Blue (58%)

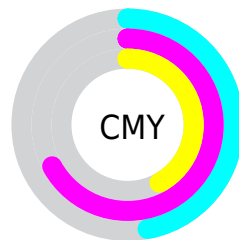


Cyan (10%)

Magenta (44%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (67%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 84, 149 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 134, 84, 149 by changing the saturation by 10% instead.



134, 84, 149



134, 84, 149

255, 255, 255



108, 60, 123



188, 135, 203



83, 36, 98



217, 161, 232



58, 12, 74



245, 189, 255



36, 0, 51



255, 217, 255



0, 0, 29



255, 245, 255



0, 0, 0



134, 84, 149



134, 84, 149



131, 69, 149



137, 99, 149




127, 54, 149



141, 114, 149


 124, 39, 149


 144, 129, 149

 120, 24, 149

 148, 144, 149

 117, 9, 149

 151, 159, 149

 115, 0, 149

 155, 173, 149

 158, 188, 149

 162, 203, 149

 165, 218, 149

Harmonies

Analogous

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



83, 99, 170



134, 84, 149



161, 73, 117

Triad

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



134, 84, 149



132, 97, 30



0, 120, 126

Complementary

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



134, 84, 149



99, 149, 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, 120, 89



134, 84, 149



100, 108, 31

Square

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



134, 84, 149



156, 83, 50



57, 116, 55



0, 118, 156

Rectangle

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



134, 84, 149



168, 71, 93



57, 116, 55



0, 120, 114

Sweetspot

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



134, 84, 149



188, 169, 194



84, 99, 149



93, 81, 97



224, 224, 224



97, 97, 97

Same Dimension

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



134, 84, 149



171, 93, 194



149, 84, 132



72, 67, 74



106, 0, 138



8, 0, 10

Inverse Universe

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



149, 84, 99



194, 93, 116



84, 149, 101



74, 67, 68



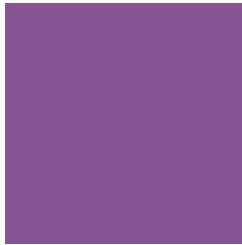
138, 0, 32



10, 0, 2

Previews

White Background



This preview shows how the RGB color 134, 84, 149 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 134, 84, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

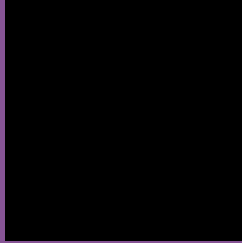
Any Text WCAG AA × Fail

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 134, 84, 149 Background



This preview shows how black text looks on a background with the RGB color 134, 84, 149.

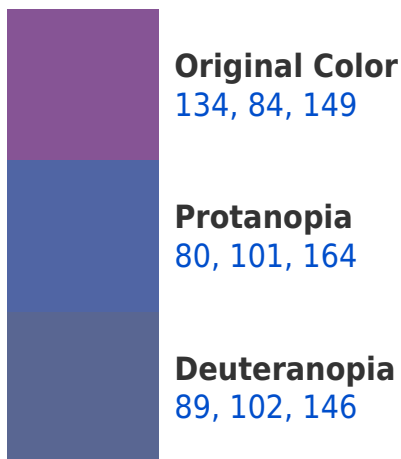


This preview shows how white text looks on a background with the RGB color 134, 84, 149.

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
127, 95, 102

Trichromacy



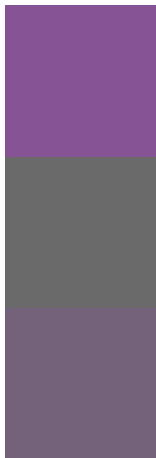
Original Color
134, 84, 149

Protanomaly
100, 95, 159

Deuteranomaly
105, 95, 147

Tritanomaly
130, 91, 119

Monochromacy



Original Color
134, 84, 149

Achromatopsia
106, 106, 106

Achromatomaly
116, 98, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 84, 149 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(134, 84, 149) looks like.

```
.text, #text, p{  
    color:rgb(134, 84, 149)  
}
```

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(134, 84, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 84, 149) }
```

Border

The CSS property to change the border of an element to RGB 134, 84, 149 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(134, 84, 149) }
```

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

```
.border{ border-color:rgb(134, 84, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 84, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 84, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 84, 149);  
box-shadow:4px 4px 4px 4px rgb(134, 84,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 134, 84, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 84, 149) }
```

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

```
.background{ background-color: rgb(134, 84,  
149) }
```

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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