

# Converting Colors

Hex(834CBB)

Have a look what the booklet for  
Hex(834CBB) contains.

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**Color**

**Hex(834CBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	834CBB
RGB	131, 76, 187
RGB Percent	51%, 30%, 73%
CMY	0.4863, 0.7020, 0.2667
CMYK	0.30, 0.59, 0.00, 0.27
HSL	270°, 45%, 52%
HSV	270°, 59%, 73%
XYZ	20.9142, 13.5820, 48.5330
YIQ	105.0990, -2.8510, 46.1810

# Conversions

## Conversions Part 2

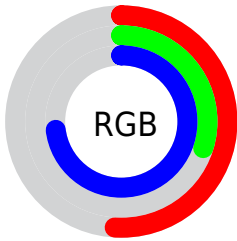
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 76, 187
Decimal	8604859
CIE <sub>Lab</sub>	43.63, 44.84, -49.97
CIE <sub>LCh</sub>	44, 67.142, 311.905
Yxy	13.5820, 0.2519, 0.1636
Android (android.graphics.Color)	4286794939 (0xFF834CBB)
YUV	105.0990, 40.3772, 22.7152
Hunter-Lab	36.8538, 36.8027, -52.2817

# Details

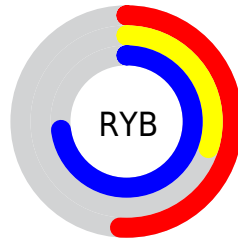
The Hex color **834CBB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **84BB4C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **BB7FF4**, and **4D1A85** is the 20% darker color. If you saturate the color by 10%, you get **7A39BB**, and if you desaturate by 10%, it is **8C5FBB**.

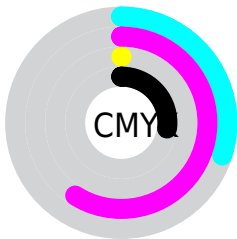
# Distribution



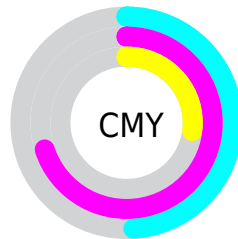
- Red (51%)
- Green (30%)
- Blue (73%)



- Red (51%)
- Yellow (30%)
- Blue (73%)



- Cyan (30%)
- Magenta (59%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (70%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 834CBB 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 Hex color 834CBB by changing the saturation by 10% instead.



 834CBB

 834CBB

FFFFFF

 6833A0

 BB7FF4

 4D1A85

 D89AFF

 31006B

 F5B5FF

 150052

 FFD1FF

 00003A

 FFEEFF

 000224

 00000B

 000000

 834CBB

 834CBB

 7A39BB

 8C5FBB

 7027BB

 9671BB

 6714BB

 9F84BB

 5D01BB

 A997BB

 5D00BB

 B2AABB

 BCBCBB

 C5CFBB

 CEE2BB

 D8F4BB

# Harmonies

## Analogous

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



0067D6



834CBB



B8298B

# Triad

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



834CBB



985800



007F7D

# Complementary

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



834CBB



84BB4C

# 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.



007D42



834CBB



696C00

# Square

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



834CBB



BA3A1D



237700



007EB1

# Rectangle

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



834CBB



C51966



237700



007F69



# Sweetspot

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



834CBB



DCC7F2



4C85BB



6D5F7A



FAFAFA



7A7A7A



# Same Dimension

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



834CBB



9B46F2



B94CBB



5A555E



4E009E



0F001F



# Inverse Universe

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



BB4C84



F2469D



4EBB4C



5E555A



9E0050

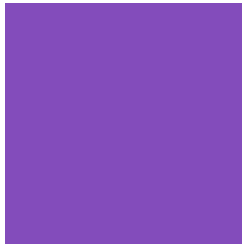


1F000F



# Previews

## White Background



This preview shows how the Hex color 834CBB 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

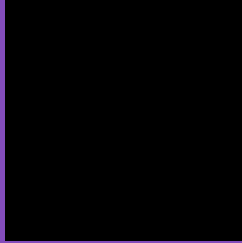
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 834CBB Background



This preview shows how black text looks on a background with the Hex color 834CBB.

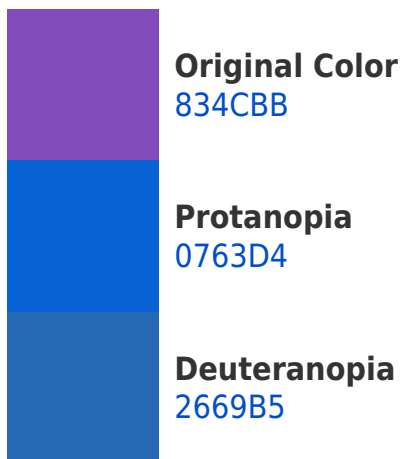



This preview shows how white text looks on a background with the Hex color 834CBB.

# 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](#).

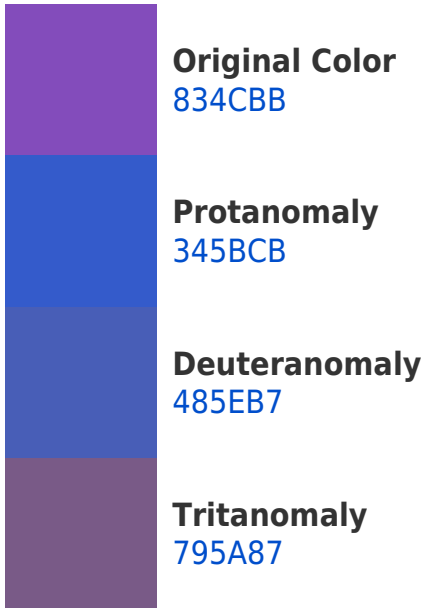
## Dichromacy



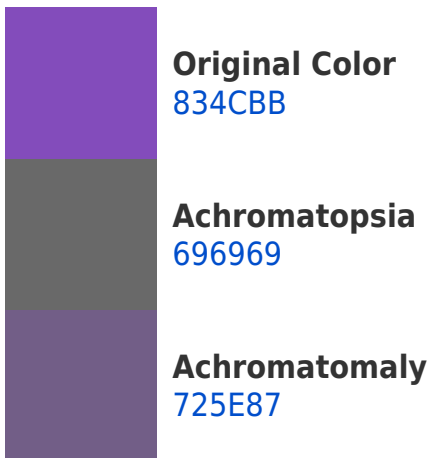


**Tritanopia**  
74626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 834CBB 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 #834CBB looks like.

```
.text, #text, p{  
    color:#834CBB  
}
```

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 #834CBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834CBB
}
```

## Border

The CSS property to change the border of an element to Hex 834CBB is called "border". The border property can be set on classes, ids or directly on the HTML element.

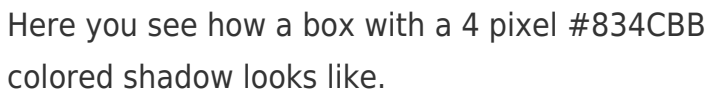
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834CBB }
```

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

```
.border{ border-color:#834CBB }
```

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



Here you see how a box with a 4 pixel #834CBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834CBB; -webkit-box-shadow:4px 4px  
4px 4px #834CBB; box-shadow:4px 4px 4px  
4px #834CBB }
```

# Background

The CSS property to change the background color of an element to Hex 834CBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834CBB }
```

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

```
.background{ background-color:#834CBB }
```

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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