

# Converting Colors

Hex(844FCC)

Have a look what the booklet for  
Hex(844FCC) contains.

<b>Hex(844FCC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(844FCC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844FCC
RGB	132, 79, 204
RGB Percent	52%, 31%, 80%
CMY	0.4824, 0.6902, 0.2000
CMYK	0.35, 0.61, 0.00, 0.20
HSL	265°, 55%, 55%
HSV	265°, 61%, 80%
XYZ	23.2108, 14.8571, 58.7711
YIQ	109.0970, -8.5370, 50.1110

# Conversions

## Conversions Part 2

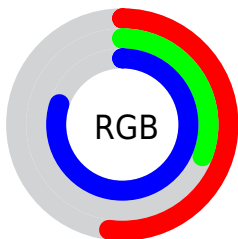
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 79, 204
Decimal	8671180
CIE <sub>Lab</sub>	45.44, 47.71, -56.91
CIE <sub>LCh</sub>	45, 74.265, 309.971
Yxy	14.8571, 0.2397, 0.1534
Android (android.graphics.Color)	4286861260 (0xFF844FCC)
YUV	109.0970, 46.7872, 20.0859
Hunter-Lab	38.5449, 40.0345, -63.4205

# Details

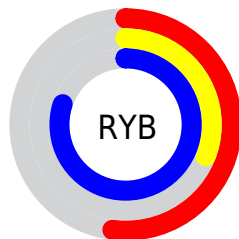
The Hex color **844FCC** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **97CC4F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BD83FF**, and **4C1D95** is the 20% darker color. If you saturate the color by 10%, you get **783BCC**, and if you desaturate by 10%, it is **9063CC**.

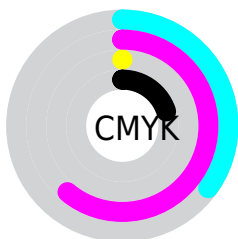
# Distribution



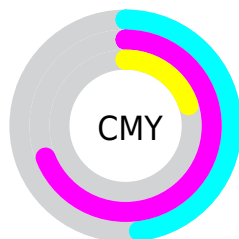
- Red (52%)
- Green (31%)
- Blue (80%)



- Red (52%)
- Yellow (31%)
- Blue (80%)



- Cyan (35%)
- Magenta (61%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (69%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844FCC 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 844FCC by changing the saturation by 10% instead.



844FCC

844FCC

FFFFFF

6836B0

BD83FF

4C1D95

DA9DFF

2E007A

F8B9FF

080061

FFD5FF

000048

FFF2FF

000431

00011B

000000

844FCC

844FCC

 783BCC

 9063CC

 6C26CC

 9C78CC

 6112CC

 A78CCC

 5600CC

 B3A1CC

 BFB5CC

 CBC9CC

 D6DECC

 E2F2CC

 EEFFCC

# Harmonies

## Analogous

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



006DE8



844FCC



C22197

# Triad

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



844FCC



A45900



00857F

# Complementary

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



844FCC



97CC4F

# 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.



00833E



844FCC



717000

# Square

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



844FCC



C8341D



227D00



0085BB

# Rectangle

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



844FCC



D3006E



227D00



00856A



# Sweetspot

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



844FCC



E5D1FF



4F98CC



6F6380



000000



808080



# Same Dimension

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



844FCC



9242FF



C24FCC



605C66



4600A6



100026



# Inverse Universe

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



CC4F97



FF42AF



59CC4F



665C62



A6005F



260016



# Previews

## White Background



This preview shows how the Hex color 844FCC 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

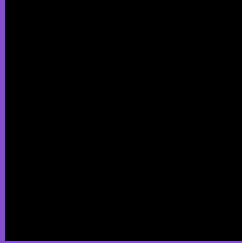
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 844FCC Background



This preview shows how black text looks on a background with the Hex color 844FCC.

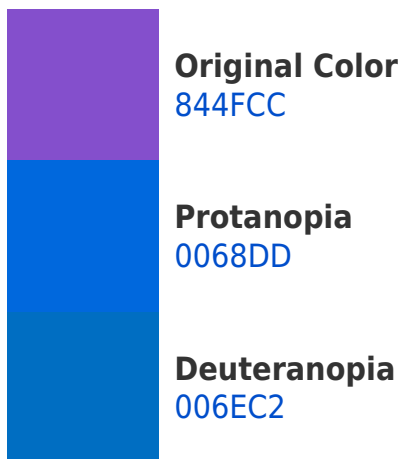



This preview shows how white text looks on a background with the Hex color 844FCC.

# 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](#).

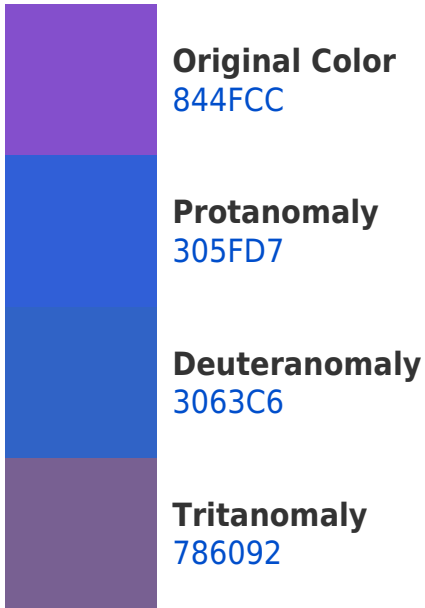
## Dichromacy



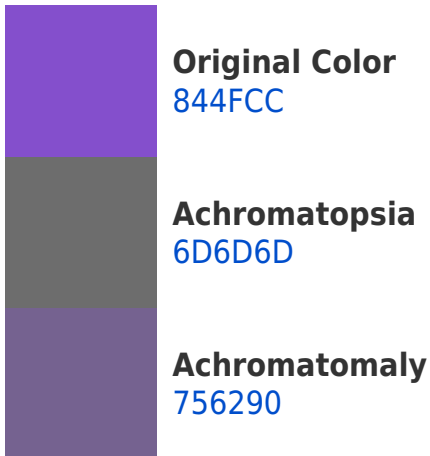


**Tritanopia**  
716971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844FCC 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 #844FCC looks like.

```
.text, #text, p{  
    color:#844FCC  
}
```

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 #844FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844FCC
}
```

## Border

The CSS property to change the border of an element to Hex 844FCC 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
#844FCC }
```

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

```
.border{ border-color:#844FCC }
```

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

Here you see how a box with a 4 pixel #844FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844FCC; -webkit-box-shadow:4px 4px  
4px 4px #844FCC; box-shadow:4px 4px 4px  
4px #844FCC }
```

# Background

The CSS property to change the background color of an element to Hex 844FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844FCC }
```

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

```
.background{ background-color:#844FCC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor