

# Converting Colors

Hex(835CF5)

Have a look what the booklet for  
Hex(835CF5) contains.

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# Color

Hex(835CF5)

# Conversions

## Conversions Part 1

Format	Color
Hex	835CF5
RGB	131, 92, 245
RGB Percent	51%, 36%, 96%
CMY	0.4863, 0.6392, 0.0392
CMYK	0.47, 0.62, 0.00, 0.04
HSL	255°, 88%, 66%
HSV	255°, 62%, 96%
XYZ	29.6686, 19.0722, 88.5038
YIQ	121.1030, -25.8690, 55.8510

# Conversions

## Conversions Part 2

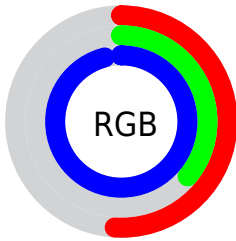
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	131, 92, 245
Decimal	8609013
CIE Lab	50.77, 51.37, -71.53
CIE LCh	51, 88.061, 305.683
Yxy	19.0722, 0.2162, 0.1390
Android (android.graphics.Color)	4286799093 (0xFF835CF5)
YUV	121.1030, 61.0812, 8.6797
Hunter-Lab	43.6717, 44.8397, -89.5852

# Details

The Hex color **835CF5** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **CEF55C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BF90FF**, and **452ABC** is the 20% darker color. If you saturate the color by 10%, you get **7143F5**, and if you desaturate by 10%, it is **9574F5**.

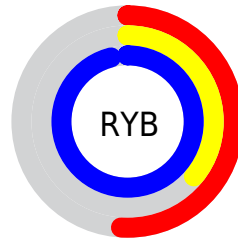
# Distribution



Red (51%)

Green (36%)

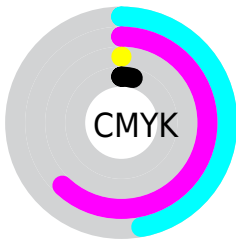
Blue (96%)



Red (51%)

Yellow (36%)

Blue (96%)

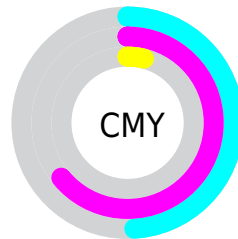


Cyan (47%)

Magenta (62%)

Yellow (0%)

Black (4%)



Cyan (49%)

Magenta (64%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 835CF5 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 835CF5 by changing the saturation by 10% instead.



 835CF5

 835CF5

FFFFFF

 6543D8

 BF90FF

 452ABC

 DDABFF

 1D11A0

 FBC7FF

 000085

 FFE3FF

 00006B

 000251

 000539

 000223

 000009

 835CF5

 835CF5

 7143F5

 9574F5

 5E2BF5

 A88DF5

 4C12F5

 BAA5F5

 3E00F5

 CCBEF5

 DED7F5

 F1EFF5

 FFFFF5

# Harmonies

## Analogous

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



007FFF



835CF5



DA1AB8

# Triad

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



835CF5



C35C00



009786

# Complementary

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



835CF5



CEF55C

# 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.



009435



835CF5



877B00

# Square

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



835CF5



EB2424



2E8C00



0097D0

# Rectangle

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



835CF5



F20087



2E8C00



00966B



# Sweetspot

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



835CF5



DBCFF5



5CCFF5



6A6280



000000



808080



# Same Dimension

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



835CF5



7040FF



CF5CF5



716E7A



2F00BA



0F003B



# Inverse Universe

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



F55CCE



FF40CE



82F55C



7A6E77



BA008B

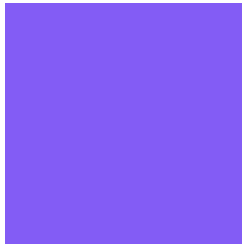


3B002C



# Previews

## White Background



This preview shows how the Hex color 835CF5 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

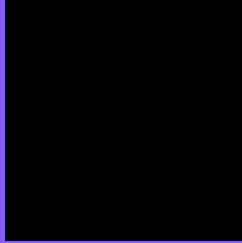
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 835CF5 Background



This preview shows how black text looks on a background with the Hex color 835CF5.




This preview shows how white text looks on a background with the Hex color 835CF5.

# 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](#).

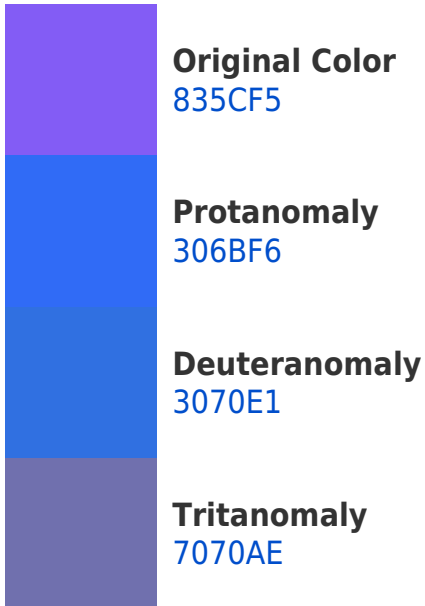
## Dichromacy



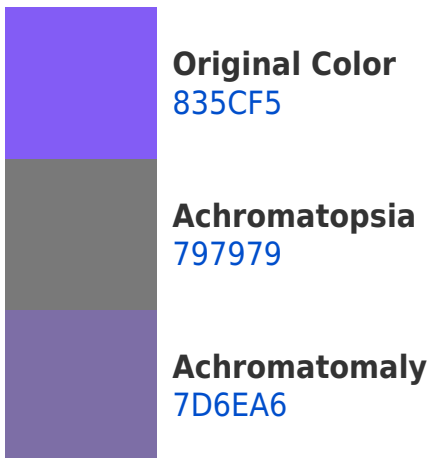


**Tritanopia**  
657C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 835CF5 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 #835CF5 looks like.

```
.text, #text, p{  
    color:#835CF5  
}
```

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 #835CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835CF5  
}
```

## Border

The CSS property to change the border of an element to Hex 835CF5 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  
#835CF5 }
```

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

```
.border{ border-color:#835CF5 }
```

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

Here you see how a box with a 4 pixel #835CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835CF5; -webkit-box-shadow:4px 4px  
4px 4px #835CF5; box-shadow:4px 4px 4px  
4px #835CF5 }
```

# Background

The CSS property to change the background color of an element to Hex 835CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835CF5 }
```

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

```
.background{ background-color:#835CF5 }
```

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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