

# Converting Colors

Hex(849CFF)

Have a look what the booklet for  
Hex(849CFF) contains.

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# **Color**

**Hex(849CFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	849CFF
RGB	132, 156, 255
RGB Percent	52%, 61%, 100%
CMY	0.4824, 0.3882, 0.0000
CMYK	0.48, 0.39, 0.00, 0.00
HSL	228°, 100%, 76%
HSV	228°, 48%, 100%
XYZ	39.4542, 35.9025, 99.4582
YIQ	160.1100, -46.0830, 25.7010

# Conversions

## Conversions Part 2

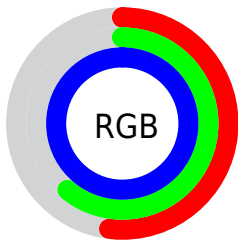
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 152, 255
Decimal	8690943
CIE <sub>Lab</sub>	66.45, 17.61, -51.91
CIE <sub>LCh</sub>	66, 54.815, 288.744
Yxy	35.9025, 0.2257, 0.2054
Android (android.graphics.Color)	4286881023 (0xFF849CFF)
YUV	160.1100, 46.7808, -24.6525
Hunter-Lab	59.9187, 12.6779, -56.4716

# Details

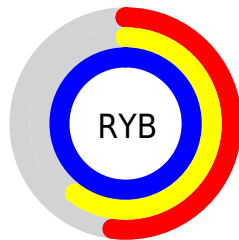
The Hex color **849CFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE784**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BED2FF**, and **4869C6** is the 20% darker color. If you saturate the color by 10%, you get **6B87FF**, and if you desaturate by 10%, it is **9EB1FF**.

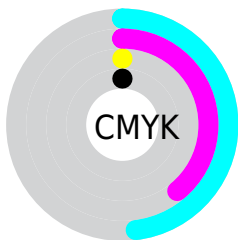
# Distribution



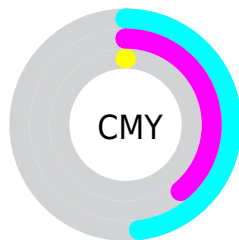
- Red (52%)
- Green (61%)
- Blue (100%)



- Red (52%)
- Yellow (60%)
- Blue (100%)



- Cyan (48%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (39%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 849CFF 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 849CFF by changing the saturation by 10% instead.



 849CFF

 849CFF

FFFFFF

 6782E2

 BED2FF

 4869C6

 DCEEFF

 2551AA

 FAFFFF


 003B8F

 002675

 00135C

 000643

 00032C

 000117

 849CFF

 849CFF

 6B87FF

 9EB1FF

 5173FF

 B7C5FF

 385EFF

 D1DAFF

 1E4AFF

 EAEEFF

 0535FF

FFFFFF

 0032FF

# Harmonies

## Analogous

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



00ACFF



849CFF



CB88E3

# Triad

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



849CFF



EE8659



00B98D

# Complementary

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



849CFF



FFE784

# 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.



65B35E



849CFF



CD983D

# Square

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



849CFF



FD7885



9FA83E



00BAC0

# Rectangle

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



849CFF



E97CC6



9FA83E



25B77C



# Sweetspot

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



849CFF



DBE2FF



84FFE6



6A6E80



000000



808080



# Same Dimension

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



849CFF



6B88FF



A984FF



737580



0025BF



000C40



# Inverse Universe

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



FF849C



FF6B88



DAFF84



807375



BF0025

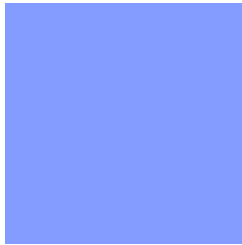


40000C



# Previews

## White Background



This preview shows how the Hex color 849CFF looks on a white background.

## Color Contrast Check

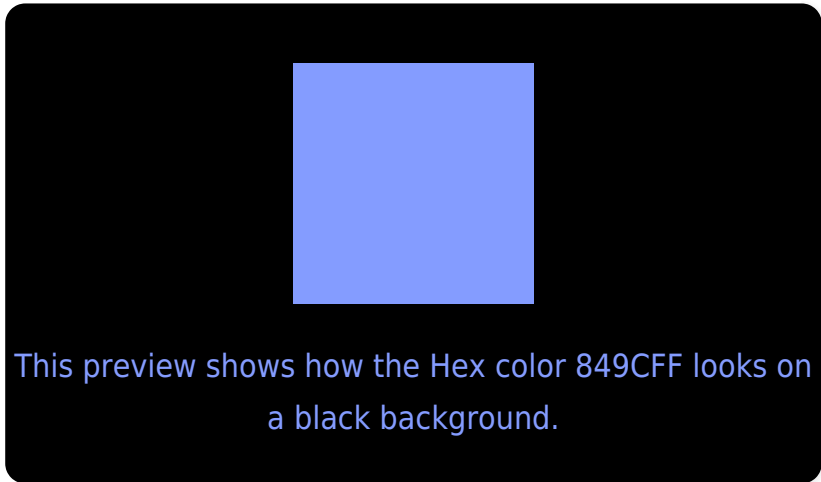
Large Text (above 18pt) WCAG AA × Fail

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

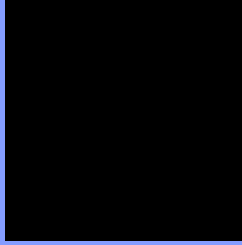
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 849CFF Background



This preview shows how black text looks on a background with the Hex color 849CFF.



This preview shows how white text looks on a background with the Hex color 849CFF.

# 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](#).

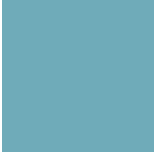
## Dichromacy



**Original Color**  
849CFF

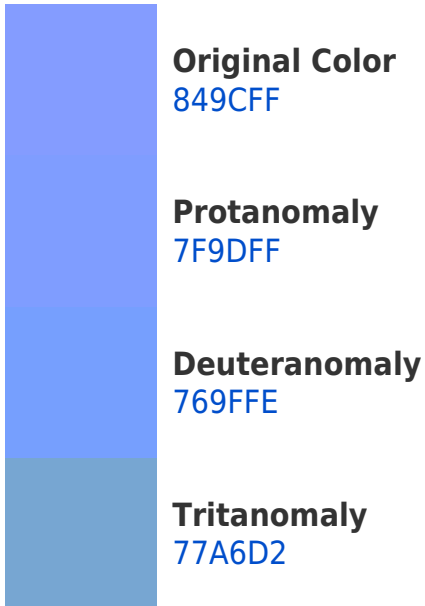
**Protanopia**  
7C9EFF

**Deuteranopia**  
6EA1FE

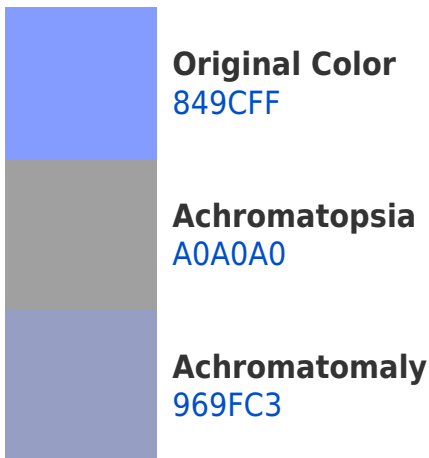


**Tritanopia**  
6FABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 849CFF 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 #849CFF looks like.

```
.text, #text, p{  
    color:#849CFF  
}
```

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 #849CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849CFF
}
```

## Border

The CSS property to change the border of an element to Hex 849CFF 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
#849CFF }
```

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

```
.border{ border-color:#849CFF }
```

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

Here you see how a box with a 4 pixel #849CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849CFF; -webkit-box-shadow:4px 4px  
4px 4px #849CFF; box-shadow:4px 4px 4px  
4px #849CFF }
```

# Background

The CSS property to change the background color of an element to Hex 849CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849CFF }
```

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

```
.background{ background-color:#849CFF }
```

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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