

# Converting Colors

Hex(889CFF)

Have a look what the booklet for  
Hex(889CFF) contains.

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# **Color**

**Hex(889CFF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 889CFF                      |
| RGB         | 136, 156, 255               |
| RGB Percent | 53%, 61%, 100%              |
| CMY         | 0.4667, 0.3882, 0.0000      |
| CMYK        | 0.47, 0.39, 0.00, 0.00      |
| HSL         | 230°, 100%, 77%             |
| HSV         | 230°, 47%, 100%             |
| XYZ         | 40.0918, 36.2312, 99.4880   |
| YIQ         | 161.3060, -43.6990, 26.5490 |

# Conversions

## Conversions Part 2

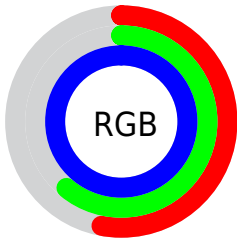
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">136, 153, 255</a>                   |
| Decimal                             | <a href="#">8953087</a>                         |
| CIELab                              | <a href="#">66.70, 18.53, -51.49</a>            |
| CIElCh                              | <a href="#">67, 54.727, 289.793</a>             |
| Yxy                                 | <a href="#">36.2312, 0.2280,<br/>0.2061</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4287143167<br/>(0xFF889CFF)</a>     |
| YUV                                 | <a href="#">161.3060, 46.1911,<br/>-22.1934</a> |
| Hunter-Lab                          | <a href="#">60.1923, 13.5554,<br/>-55.8619</a>  |

# Details

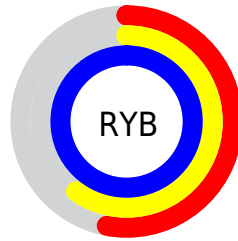
The Hex color **889CFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFE888**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C2D2FF**, and **4D69C6** is the 20% darker color. If you saturate the color by 10%, you get **6F87FF**, and if you desaturate by 10%, it is **A2B1FF**.

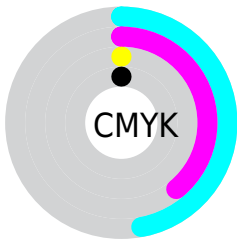
# Distribution



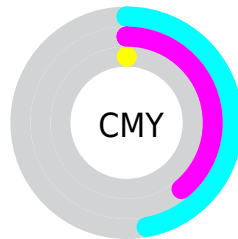
- Red (53%)
- Green (61%)
- Blue (100%)



- Red (53%)
- Yellow (60%)
- Blue (100%)



- Cyan (47%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (39%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 889CFF 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 889CFF by changing the saturation by 10% instead.



889CFF

889CFF

FFFFFF

6B82E2

C2D2FF

4D69C6

E0EFFF

2C51AA

FEFFFF

003B8F

002675


00135C

000443

00032C

000117

 889CFF

 889CFF

 6F87FF

 A2B1FF

 5572FF

 BBC6FF

 3C5CFF

 D5DCFF

 2247FF

 EE11FF

 0932FF

FFFFFF

 002BFF

# Harmonies

## Analogous

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



00ADFF



889CFF



CE88E2

# Triad

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



889CFF



EE8759



00BA8F

# Complementary

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



889CFF



FFEB88

# 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.



64B460



889CFF



CC9A3D

# Square

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



889CFF



FD7984



9EAA40



00BBC2

# Rectangle

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



889CFF



EB7DC5



9EAA40



20B87E



# Sweetspot

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



889CFF



DBE1FF



88FFE9



6A6D80



000000



808080



# Same Dimension

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



889CFF



7088FF



AE88FF



737580



0020BF



000B40



# Inverse Universe

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



FF889C



FF7088



D9FF88



807375



BF0020

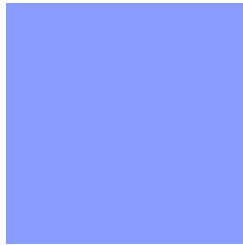


40000B



# Previews

## White Background



This preview shows how the Hex color 889CFF looks on a white background.

## Color Contrast Check

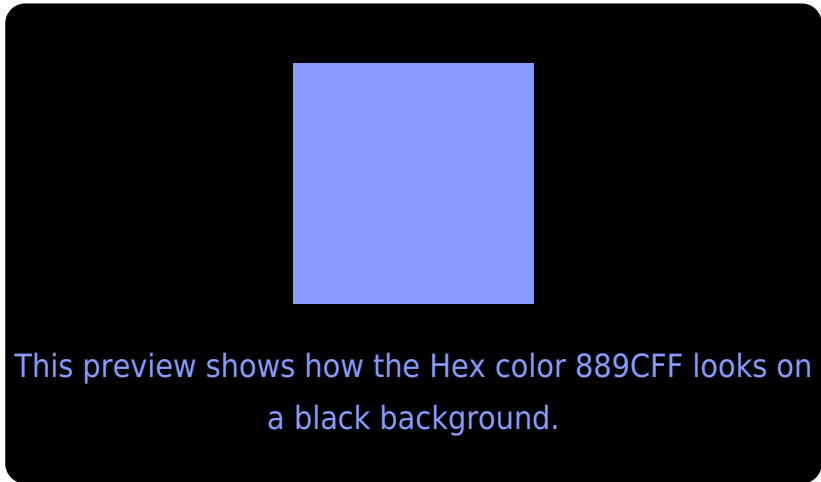
Large Text (above 18pt) WCAG AA × Fail

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

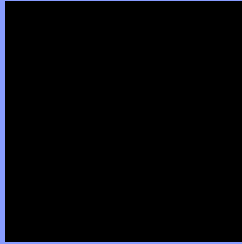
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 889CFF Background



This preview shows how black text looks on a background with the Hex color 889CFF.

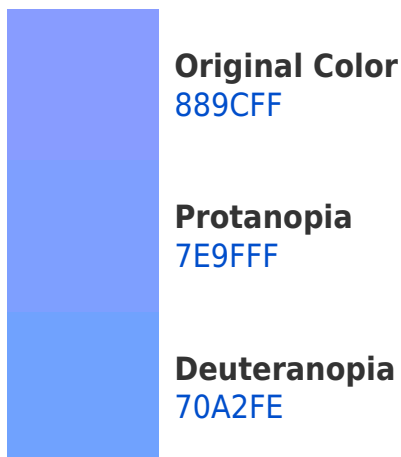


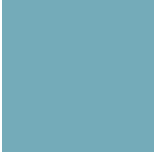
This preview shows how white text looks on a background with the Hex color 889CFF.

# 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](#).

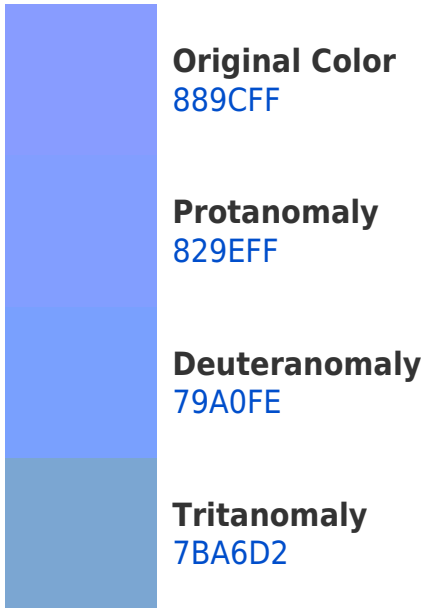
## Dichromacy



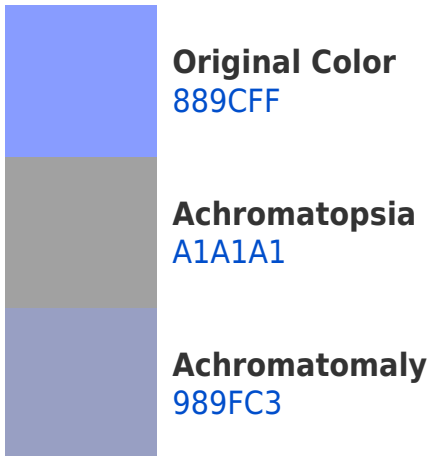


**Tritanopia**  
74ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 889CFF 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 #889CFF looks like.

```
.text, #text, p{  
    color:#889CFF  
}
```

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 #889CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #889CFF
}
```

## Border

The CSS property to change the border of an element to Hex 889CFF 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
#889CFF }
```

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

```
.border{ border-color:#889CFF }
```

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

Here you see how a box with a 4 pixel #889CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #889CFF; -webkit-box-shadow:4px 4px  
4px 4px #889CFF; box-shadow:4px 4px 4px  
4px #889CFF }
```

# Background

The CSS property to change the background color of an element to Hex 889CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#889CFF }
```

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

```
.background{ background-color:#889CFF }
```

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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