

# Converting Colors

Hex(889FF4)

Have a look what the booklet for  
Hex(889FF4) contains.

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# **Color**

**Hex(889FF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	889FF4
RGB	136, 159, 244
RGB Percent	53%, 62%, 96%
CMY	0.4667, 0.3765, 0.0431
CMYK	0.44, 0.35, 0.00, 0.04
HSL	227°, 83%, 75%
HSV	227°, 44%, 96%
XYZ	38.8806, 36.5622, 90.5959
YIQ	161.8130, -40.9930, 21.5590

# Conversions

## Conversions Part 2

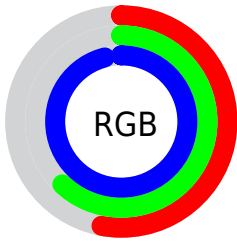
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	136, 155, 244
Decimal	8953844
CIE Lab	66.95, 13.63, -45.10
CIE LCh	67, 47.114, 286.822
Yxy	36.5622, 0.2342, 0.2202
Android (android.graphics.Color)	4287143924 (0xFF889FF4)
YUV	161.8130, 40.5182, -22.6380
Hunter-Lab	60.4667, 8.9605, -46.5063

# Details

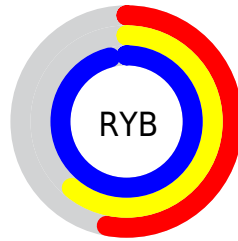
The Hex color **889FF4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F4DD88**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C1D5FF**, and **4F6CBB** is the 20% darker color. If you saturate the color by 10%, you get **708CF4**, and if you desaturate by 10%, it is **A0B2F4**.

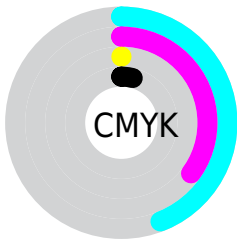
# Distribution



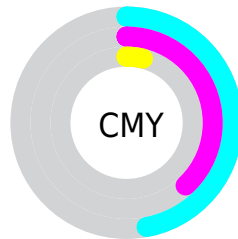
- Red (53%)
- Green (62%)
- Blue (96%)



- Red (53%)
- Yellow (61%)
- Blue (96%)



- Cyan (44%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (38%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 889FF4 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 889FF4 by changing the saturation by 10% instead.



■ 889FF4

■ 889FF4

FFFFFF

■ 6C85D7

■ C1D5FF

■ 4F6CBB

■ DEF2FF

■ 3154A0

■ FCFFFF

■ 023D85

■ 00286C

■ 001553

■ 00053B

■ 000225

■ 00010D

■ 889FF4

■ 889FF4

■ 708CF4

■ A0B2F4

■ 5779F4

■ B9C5F4

■ 3F65F4

■ D1D9F4

■ 2652F4

■ EAECF4

■ 0E3FF4

■ FFFFF4

■ 0034F4

# Harmonies

## Analogous

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



17ADF5



889FF4



C58FDD

# Triad

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



889FF4



E88B67



2EB78E

# Complementary

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



889FF4



F4DD88

# 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.



75B267



889FF4



CC9A4F

# Square

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



889FF4



F3808D



A5A84F



00B9BA

# Rectangle

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



889FF4



DF85C5



A5A84F



4CB680



# Sweetspot

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



889FF4



DEE5FF



88F4DD



6B6F80



000000



808080



# Same Dimension

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



889FF4



7895FF



A788F4



6E717A



0028BA



000C3B



# Inverse Universe

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



F4889F



FF7895



D5F488



7A6E71



BA0028

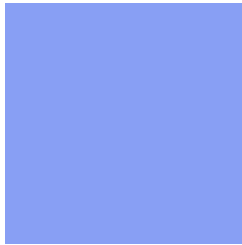


3B000C



# Previews

## White Background



This preview shows how the Hex color 889FF4 looks on a white background.

## Color Contrast Check

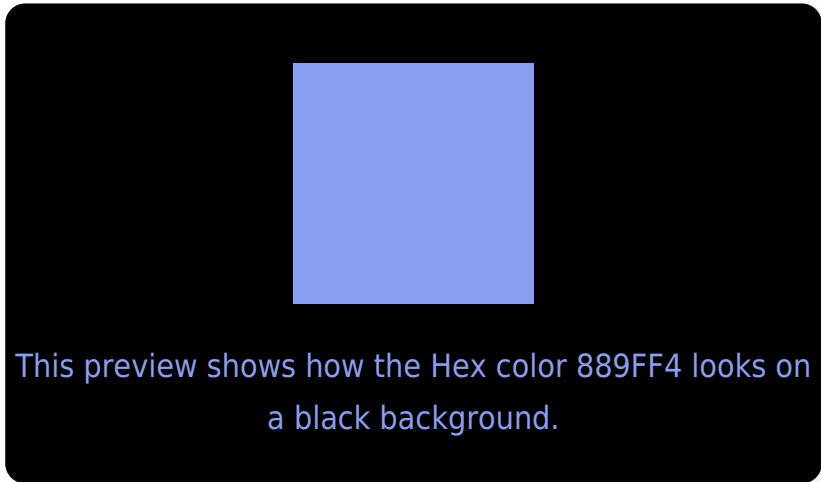
Large Text (above 18pt) WCAG AA × Fail

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

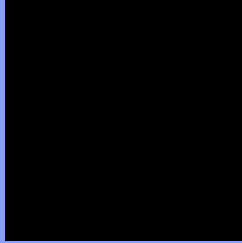
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 889FF4 Background



This preview shows how black text looks on a background with the Hex color 889FF4.



This preview shows how white text looks on a background with the Hex color 889FF4.

# 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](#).

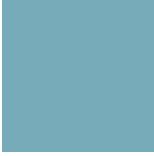
## Dichromacy



**Original Color**  
889FF4

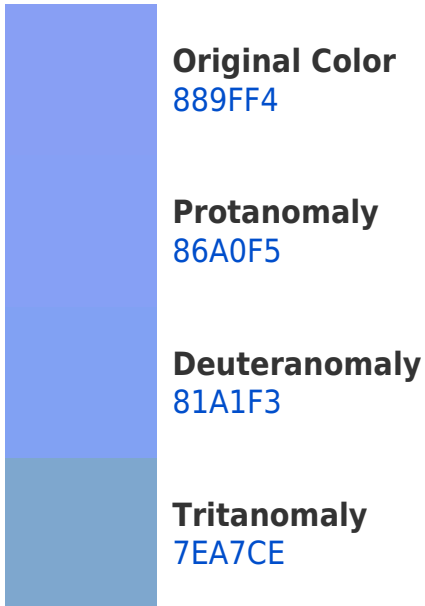
**Protanopia**  
85A0F5

**Deuteranopia**  
7DA2F3

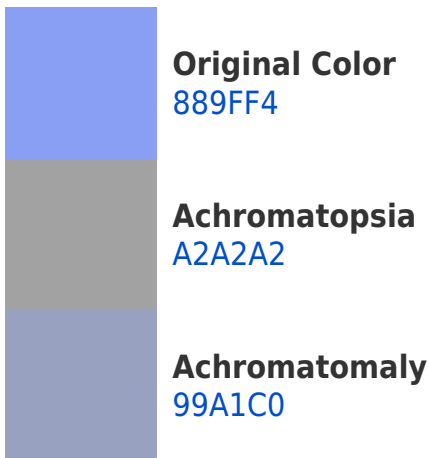


**Tritanopia**  
78ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 889FF4 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 #889FF4 looks like.

```
.text, #text, p{  
    color:#889FF4  
}
```

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 #889FF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #889FF4  
}
```

## Border

The CSS property to change the border of an element to Hex 889FF4 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  
#889FF4 }
```

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

```
.border{ border-color:#889FF4 }
```

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

Here you see how a box with a 4 pixel #889FF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #889FF4; -webkit-box-shadow:4px 4px  
4px 4px #889FF4; box-shadow:4px 4px 4px  
4px #889FF4 }
```

# Background

The CSS property to change the background color of an element to Hex 889FF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#889FF4 }
```

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

```
.background{ background-color:#889FF4 }
```

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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