

# Converting Colors

Hex(8089FF)

Have a look what the booklet for  
Hex(8089FF) contains.

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# Color

**Hex(8089FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8089FF
RGB	128, 137, 255
RGB Percent	50%, 54%, 100%
CMY	0.4980, 0.4627, 0.0000
CMYK	0.50, 0.46, 0.00, 0.00
HSL	236°, 100%, 75%
HSV	236°, 50%, 100%
XYZ	35.8977, 29.7005, 98.4485
YIQ	147.7610, -43.2420, 34.7900

# Conversions

## Conversions Part 2

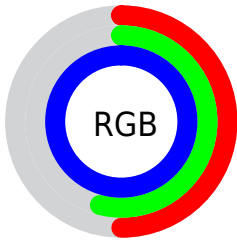
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 136, 255</a>
Decimal	<a href="#">8423935</a>
CIELab	<a href="#">61.39, 27.82, -59.96</a>
CIElCh	<a href="#">61, 66.097, 294.893</a>
Yxy	<a href="#">29.7005, 0.2188, 0.1810</a>
Android (android.graphics.Color)	<a href="#">4286614015</a> (0xFF8089FF)
YUV	<a href="#">147.7610, 52.8688, -17.3304</a>
Hunter-Lab	<a href="#">54.4982, 22.2055, -68.9560</a>

# Details

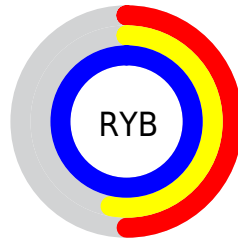
The Hex color **8089FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF680**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BBBEFF**, and **4257C5** is the 20% darker color. If you saturate the color by 10%, you get **6771FF**, and if you desaturate by 10%, it is **9AA1FF**.

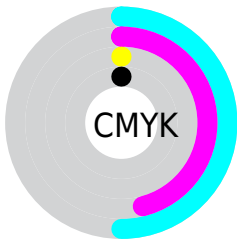
# Distribution



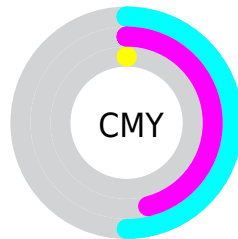
- Red (50%)
- Green (54%)
- Blue (100%)



- Red (50%)
- Yellow (53%)
- Blue (100%)



- Cyan (50%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (46%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8089FF 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 8089FF by changing the saturation by 10% instead.



 8089FF

 8089FF

FFFFFF

 6270E2

 BBBEFF

 4257C5

 D9DAFF

 1A40AA

 F7F6FF

 002B8F

 001774

 00005B

 000742

 00032B

 000116

 8089FF

 8089FF

 6771FF

 9AA1FF

 4D5AFF

 B3B8FF

 3342FF

 CDD0FF

 1A2AFF

 E6E8FF

 0013FF

FFFFFF

 0012FF

# Harmonies

## Analogous

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



009EFF



8089FF



D16ED8

# Triad

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



8089FF



E47633



00AF88

# Complementary

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



8089FF



FFF680

# 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.



29AA4D



8089FF



B98E01

# Square

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



8089FF



FB5F67



819F17



00AFC4

# Rectangle

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



8089FF



EE5FB4



819F17



00AE74



# Sweetspot

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



8089FF



D9DBFF



80FFF4



696A80



000000



808080



# Same Dimension

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



8089FF



6671FF



B580FF



737480



000EBF



000540



# Inverse Universe

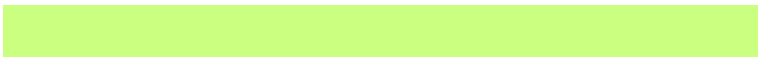
The Inverse Universe completely reimagines the original color for something new.



FF8089



FF6671



CAFF80



807374



BF000E

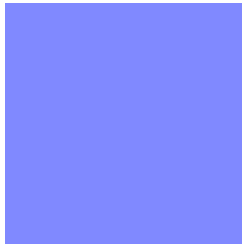


400005



# Previews

## White Background



This preview shows how the Hex color 8089FF looks on a white background.

## Color Contrast Check

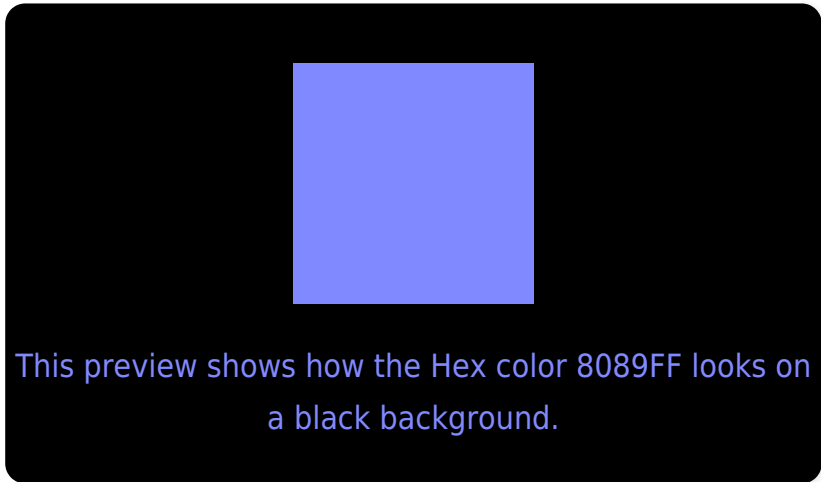
Large Text (above 18pt) WCAG AA ✓ Pass

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

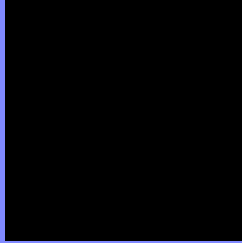
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8089FF Background



This preview shows how black text looks on a background with the Hex color 8089FF.

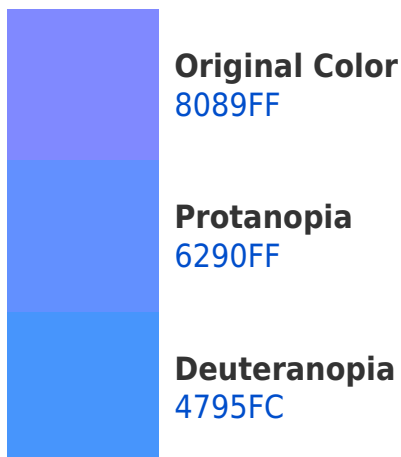


This preview shows how white text looks on a background with the Hex color 8089FF.

# 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](#).

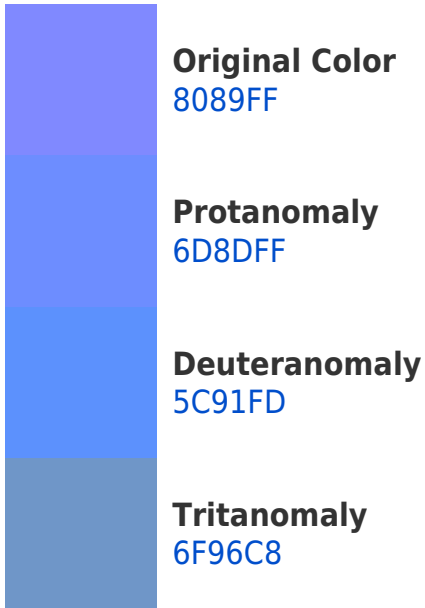
## Dichromacy





**Tritanopia**  
669DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8089FF 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 #8089FF looks like.

```
.text, #text, p{  
    color:#8089FF  
}
```

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 #8089FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8089FF
}
```

## Border

The CSS property to change the border of an element to Hex 8089FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

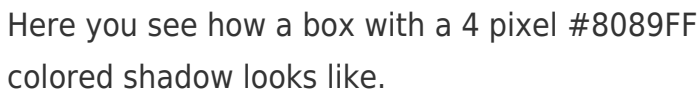
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8089FF }
```

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

```
.border{ border-color:#8089FF }
```

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



Here you see how a box with a 4 pixel #8089FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8089FF; -webkit-box-shadow:4px 4px  
4px 4px #8089FF; box-shadow:4px 4px 4px  
4px #8089FF }
```

# Background

The CSS property to change the background color of an element to Hex 8089FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8089FF }
```

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

```
.background{ background-color:#8089FF }
```

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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