

# Converting Colors

Hex(C589FE)

Have a look what the booklet for  
Hex(C589FE) contains.

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# Color

**Hex(C589FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C589FE
RGB	197, 137, 254
RGB Percent	77%, 54%, 100%
CMY	0.2275, 0.4627, 0.0039
CMYK	0.22, 0.46, 0.00, 0.00
HSL	271°, 98%, 77%
HSV	271°, 46%, 100%
XYZ	49.8610, 36.9174, 98.2637
YIQ	168.2780, -1.7970, 49.1070

# Conversions

## Conversions Part 2

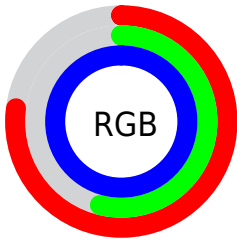
Format	Color
<a href="#">RYB</a>	<a href="#">197, 137, 254</a>
Decimal	<a href="#">12945918</a>
CIELab	<a href="#">67.22, 44.57, -49.80</a>
CIELCh	<a href="#">67, 66.831, 311.826</a>
Yxy	<a href="#">36.9174, 0.2695, 0.1995</a>
Android (android.graphics.Color)	<a href="#">4291135998</a> ( <a href="#">0xFFC589FE</a> )
YUV	<a href="#">168.2780, 42.2609, 25.1892</a>
Hunter-Lab	<a href="#">60.7597, 40.1524, -53.3551</a>

# Details

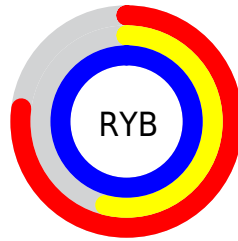
The Hex color **C589FE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C2FE89**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC0FF**, and **8D55C5** is the 20% darker color. If you saturate the color by 10%, you get **B970FE**, and if you desaturate by 10%, it is **D1A2FE**.

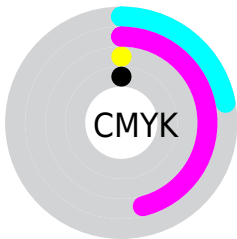
# Distribution



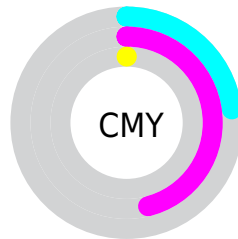
- Red (77%)
- Green (54%)
- Blue (100%)



- Red (77%)
- Yellow (54%)
- Blue (100%)



- Cyan (22%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (46%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C589FE 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 C589FE by changing the saturation by 10% instead.



 C589FE

 C589FE


FFFFFF

 A96FE1

 FFC0FF

 8D55C5

 FFDCFF

 713CA9

 FFF9FF

 56238E

 3B0774

 1E005B

 000043

 00032B

 000116

 C589FE

 C589FE

 B970FE

 D1A2FE

 AC56FE

 DEBCFE

 A03DFE

 EAD5FE

 9423FE

 F6EFFE

 870AFE

FFFFFFE

 8200FE

# Harmonies

## Analogous

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



53A2FF



C589FE



FD70CB

# Triad

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



C589FE



E09328



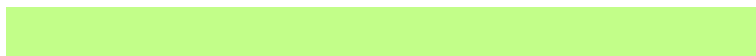
00C0BA

# Complementary

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



C589FE



C2FE89

# 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.



00BE7C



C589FE



ACA81A

# Square

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



C589FE



FF7A56



69B643



00BEF3

# Rectangle

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



C589FE



FF69A2



69B643



00C0A6



# Sweetspot

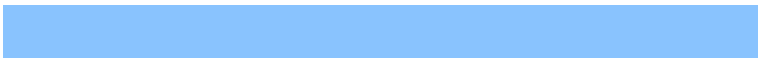
The Sweet Spot groups the original color and five complimentary colors.



C589FE



EEDBFF



89C3FE



756A80



000000



808080



# Same Dimension

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



C589FE



BB73FF



FE89FE



797380



6200BF



210040



# Inverse Universe

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



FE89C2



FF73B7



89FE89



807379



BF005D

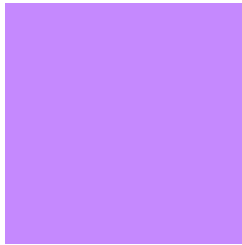


40001F



# Previews

## White Background



This preview shows how the Hex color C589FE 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

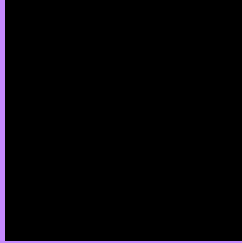
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C589FE Background



This preview shows how black text looks on a background with the Hex color C589FE.

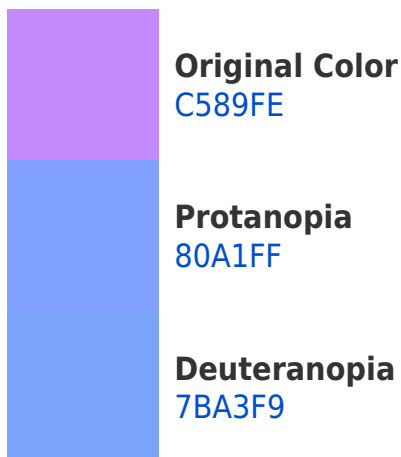


This preview shows how white text looks on a background with the Hex color C589FE.

# 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](#).

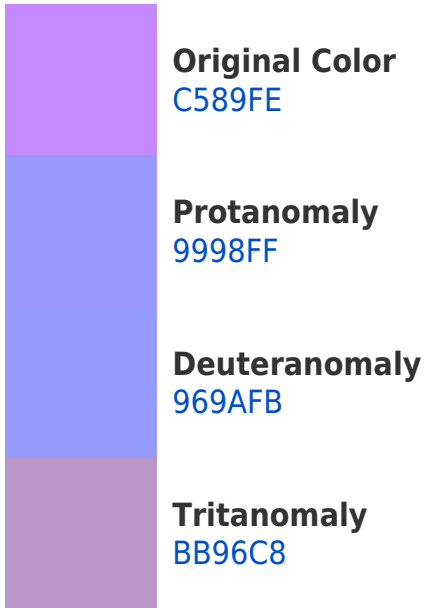
## Dichromacy



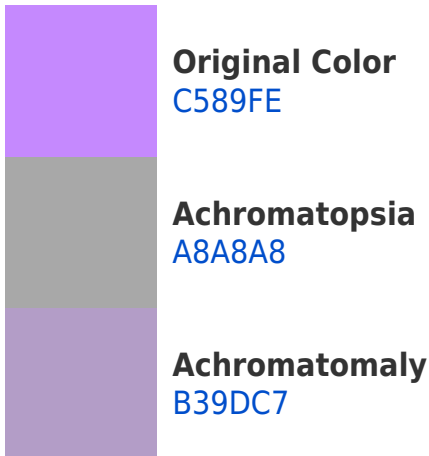


**Tritanopia**  
B69DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C589FE 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 #C589FE looks like.

```
.text, #text, p{  
    color:#C589FE  
}
```

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 #C589FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C589FE
}
```

## Border

The CSS property to change the border of an element to Hex C589FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

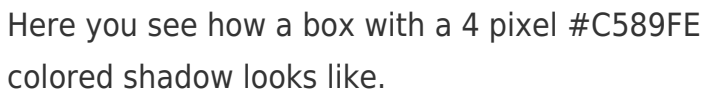
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C589FE }
```

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

```
.border{ border-color:#C589FE }
```

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



Here you see how a box with a 4 pixel `#C589FE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C589FE; -webkit-box-shadow:4px 4px  
4px 4px #C589FE; box-shadow:4px 4px 4px  
4px #C589FE }
```

# Background

The CSS property to change the background color of an element to Hex C589FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C589FE }
```

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

```
.background{ background-color:#C589FE }
```

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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