

# Converting Colors

Hex(8CA5FC)

Have a look what the booklet for  
Hex(8CA5FC) contains.

<b>Hex(8CA5FC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8CA5FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CA5FC
RGB	140, 165, 252
RGB Percent	55%, 65%, 99%
CMY	0.4510, 0.3529, 0.0118
CMYK	0.44, 0.35, 0.00, 0.01
HSL	227°, 95%, 77%
HSV	227°, 44%, 99%
XYZ	41.8410, 39.5140, 97.5172
YIQ	167.4430, -42.8270, 21.7570

# Conversions

## Conversions Part 2

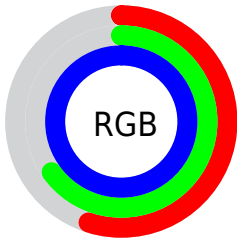
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">140, 160, 252</a>
Decimal	<a href="#">9217532</a>
CIELab	<a href="#">69.12, 13.45, -46.02</a>
CIELCh	<a href="#">69, 47.947, 286.293</a>
Yxy	<a href="#">39.5140, 0.2339, 0.2209</a>
Android (android.graphics.Color)	<a href="#">4287407612</a> ( <a href="#">0xFF8CA5FC</a> )
YUV	<a href="#">167.4430, 41.6866, -24.0675</a>
Hunter-Lab	<a href="#">62.8602, 8.8081, -47.9765</a>

# Details

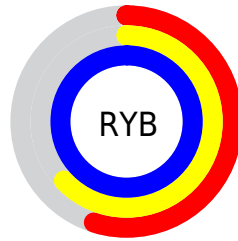
The Hex color **8CA5FC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FCE38C**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C6DCFF**, and **5372C3** is the 20% darker color. If you saturate the color by 10%, you get **7391FC**, and if you desaturate by 10%, it is **A5B9FC**.

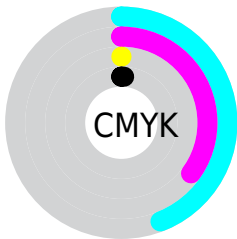
# Distribution



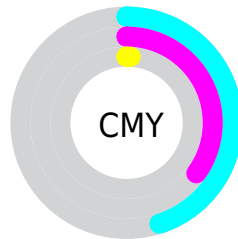
- Red (55%)
- Green (65%)
- Blue (99%)



- Red (55%)
- Yellow (63%)
- Blue (99%)



- Cyan (44%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (35%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CA5FC 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 8CA5FC by changing the saturation by 10% instead.



 8CA5FC

 8CA5FC

FFFFFF

 708BDF

 C6DCFF

 5372C3

 E3F8FF

 3459A7

 07428D

 002D73

 00195A

 000042

 00032B

 000115

 8CA5FC

 8CA5FC

 7391FC

 A5B9FC

 5A7EFC

 BECCFC

 406AFC

 D8E0FC

 2757FC

 F1F3FC

 0E43FC

FFFFFFC

 0038FC

# Harmonies

## Analogous

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



19B3FD



8CA5FC



CA94E5

# Triad

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



8CA5FC



F0906C



34BE93

# Complementary

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



8CA5FC



FCE38C

# 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.



7BB86B



8CA5FC



D49F53

# Square

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



8CA5FC



FB8593



ACAE52



00BFC0

# Rectangle

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



8CA5FC



E68BCD



ACAE52



51BC84



# Sweetspot

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



8CA5FC



DEE5FF



8CFCE2



6B7080



000000



808080



# Same Dimension

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



8CA5FC



7896FF



AA8CFC



70737D



002ABD



000E3D



# Inverse Universe

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



FC8CA5



FF7896



DEFC8C



7D7073



BD002A



3D000E



# Previews

## White Background



This preview shows how the Hex color 8CA5FC looks on a white background.

## Color Contrast Check

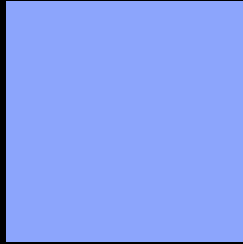
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8CA5FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

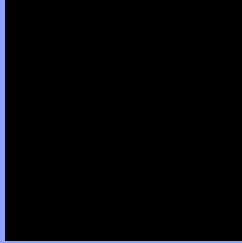
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CA5FC Background



This preview shows how black text looks on a background with the Hex color 8CA5FC.



This preview shows how white text looks on a background with the Hex color 8CA5FC.

# 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](#).

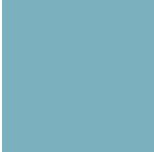
## Dichromacy



**Original Color**  
8CA5FC

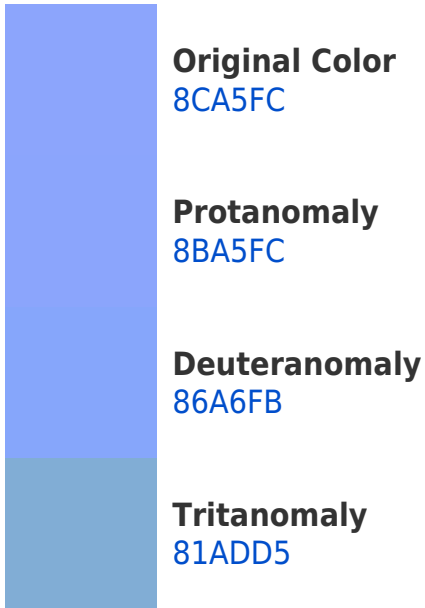
**Protanopia**  
8AA5FC

**Deuteranopia**  
83A7FB

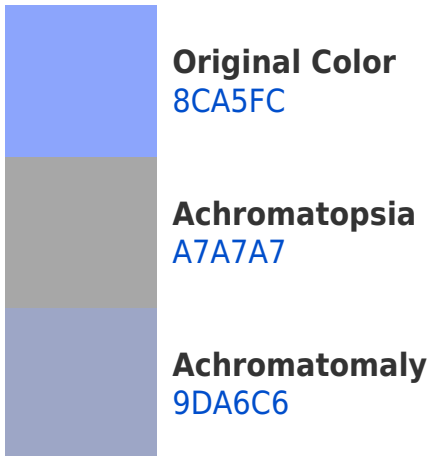


**Tritanopia**  
7BB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CA5FC 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 #8CA5FC looks like.

```
.text, #text, p{  
    color:#8CA5FC  
}
```

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 #8CA5FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA5FC  
}
```

## Border

The CSS property to change the border of an element to Hex 8CA5FC 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  
#8CA5FC }
```

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

```
.border{ border-color:#8CA5FC }
```

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

Here you see how a box with a 4 pixel #8CA5FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA5FC; -webkit-box-shadow:4px 4px  
4px 4px #8CA5FC; box-shadow:4px 4px 4px  
4px #8CA5FC }
```

# Background

The CSS property to change the background color of an element to Hex 8CA5FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA5FC }
```

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

```
.background{ background-color:#8CA5FC }
```

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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