

Converting Colors

Hex(8CA6F8)

Have a look what the booklet for
Hex(8CA6F8) contains.

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Color

Hex(8CA6F8)

Conversions

Conversions Part 1

Format	Color
Hex	8CA6F8
RGB	140, 166, 248
RGB Percent	55%, 65%, 97%
CMY	0.4510, 0.3490, 0.0275
CMYK	0.44, 0.33, 0.00, 0.03
HSL	226°, 89%, 76%
HSV	226°, 44%, 97%
XYZ	41.3947, 39.6252, 94.2736
YIQ	167.5740, -41.8180, 19.9900

Conversions

Conversions Part 2

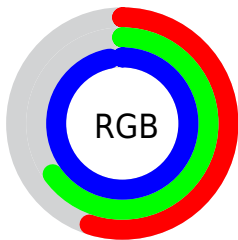
Format	Color
R _Y B	140, 161, 248
Decimal	9217784
CIE Lab	69.20, 11.75, -43.72
CIE LCh	69, 45.274, 285.043
Yxy	39.6252, 0.2361, 0.2261
Android (android.graphics.Color)	4287407864 (0xFF8CA6F8)
YUV	167.5740, 39.6500, -24.1824
Hunter-Lab	62.9485, 7.2209, -44.7305

Details

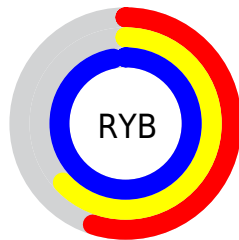
The Hex color **8CA6F8** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F8DE8C**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C5DDFF**, and **5372BF** is the 20% darker color. If you saturate the color by 10%, you get **7393F8**, and if you desaturate by 10%, it is **A5B9F8**.

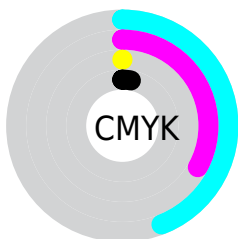
Distribution



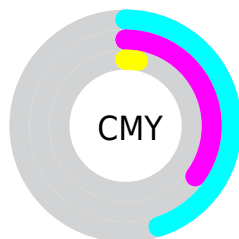
- Red (55%)
- Green (65%)
- Blue (97%)



- Red (55%)
- Yellow (63%)
- Blue (97%)



- Cyan (44%)
- Magenta (33%)
- Yellow (0%)
- Black (3%)



- Cyan (45%)
- Magenta (35%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CA6F8 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 8CA6F8 by changing the saturation by 10% instead.

 8CA6F8

 8CA6F8

FFFFFF

 708CDB

 C5DDFF

 5372BF

 E3F9FF

 355AA4

 0D4389

 002D6F

 001A56

 00003F

 000328

 000111

■ 8CA6F8

■ 8CA6F8

■ 7393F8

■ A5B9F8

■ 5A80F8

■ BECCF8

■ 426EF8

■ D6DEF8

■ 295BF8

■ EFF1F8

■ 1048F8

■ FFFFF8

■ 003CF8

Harmonies

Analogous

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



2FB3F8



8CA6F8



C796E3

Triad

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



8CA6F8



EE9171



44BD92

Complementary

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



8CA6F8



F8DE8C

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.



80B76D



8CA6F8



D49F59

Square

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



8CA6F8



F78896



AEAD57



00BEBD

Rectangle

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



8CA6F8



E28DCC



AEAD57



5BBB85

Sweetspot

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



8CA6F8



DEE6FF



8CF8DD



6B7080



000000



808080

Same Dimension

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



8CA6F8



7A9AFF



A78CF8



70737D



002DBD



000F3D

Inverse Universe

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



F88CA6



FF7A9A



DDF88C



7D7073



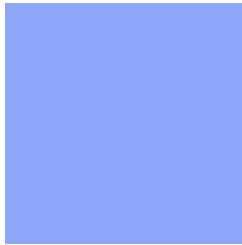
BD002D



3D000F

Previews

White Background



This preview shows how the Hex color 8CA6F8 looks on a white background.

Color Contrast Check

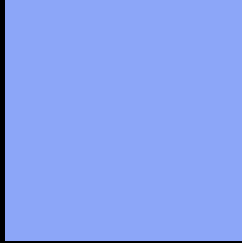
Large Text (above 18pt) WCAG AA × Fail

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 8CA6F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

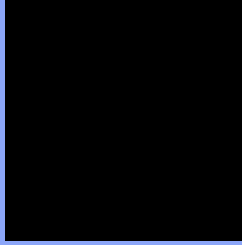
Any Text WCAG AA ✓ Pass

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 8CA6F8 Background



This preview shows how black text looks on a background with the Hex color 8CA6F8.



This preview shows how white text looks on a background with the Hex color 8CA6F8.

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](#).

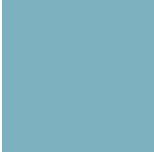
Dichromacy



Original Color
8CA6F8

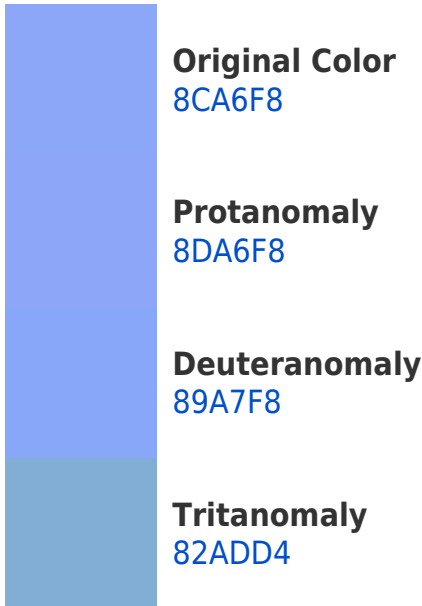
Protanopia
8DA6F8

Deuteranopia
87A7F8

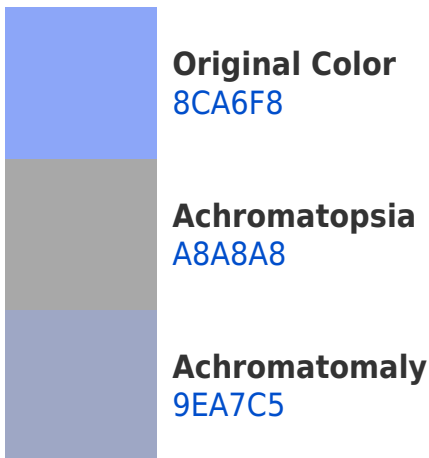


Tritanopia
7DB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CA6F8 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 #8CA6F8 looks like.

```
.text, #text, p{  
    color:#8CA6F8  
}
```

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 #8CA6F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA6F8  
}
```

Border

The CSS property to change the border of an element to Hex 8CA6F8 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  
#8CA6F8 }
```

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

```
.border{ border-color:#8CA6F8 }
```

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

Here you see how a box with a 4 pixel #8CA6F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA6F8; -webkit-box-shadow:4px 4px  
4px 4px #8CA6F8; box-shadow:4px 4px 4px  
4px #8CA6F8 }
```

Background

The CSS property to change the background color of an element to Hex 8CA6F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA6F8 }
```

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

```
.background{ background-color:#8CA6F8 }
```

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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