

# Converting Colors

Hex(8A8FCF)

Have a look what the booklet for  
Hex(8A8FCF) contains.

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# **Color**

**Hex(8A8FCF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8A8FCF                      |
| RGB         | 138, 143, 207               |
| RGB Percent | 54%, 56%, 81%               |
| CMY         | 0.4588, 0.4392, 0.1882      |
| CMYK        | 0.33, 0.31, 0.00, 0.19      |
| HSL         | 236°, 42%, 68%              |
| HSV         | 236°, 33%, 81%              |
| XYZ         | 31.5662, 29.5532, 63.0721   |
| YIQ         | 148.8010, -23.5240, 18.8440 |

# Conversions

## Conversions Part 2

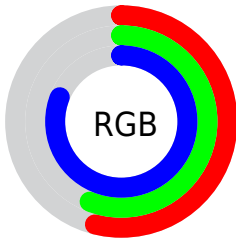
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">138, 143, 207</a>                                |
| Decimal                             | <a href="#">9080783</a>                                      |
| CIELab                              | <a href="#">61.27, 13.21, -33.50</a>                         |
| CIElCh                              | <a href="#">61, 36.012, 291.520</a>                          |
| Yxy                                 | <a href="#">29.5532, 0.2542, 0.2380</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4287270863</a><br>( <a href="#">0xFF8A8FCF</a> ) |
| YUV                                 | <a href="#">148.8010, 28.6921, -9.4725</a>                   |
| Hunter-Lab                          | <a href="#">54.3628, 8.5123, -30.7346</a>                    |

# Details

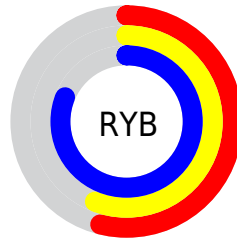
The Hex color **8A8FCF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFCA8A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C1C5FF**, and **555D98** is the 20% darker color. If you saturate the color by 10%, you get **757CCF**, and if you desaturate by 10%, it is **9FA2CF**.

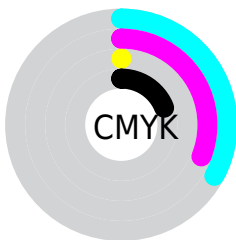
# Distribution



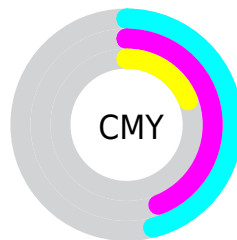
- Red (54%)
- Green (56%)
- Blue (81%)



- Red (54%)
- Yellow (56%)
- Blue (81%)



- Cyan (33%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (46%)
- Magenta (44%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A8FCF 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 8A8FCF by changing the saturation by 10% instead.



■ 8A8FCF

■ 8A8FCF

FFFFFF

■ 6F75B3

■ C1C5FF

■ 555D98

■ DEE1FF

■ 3B457E

■ FBFDFD

■ 212F65

■ 001B4D

■ 000036

■ 00021F

■ 000003

■ 000000

 8A8FCF

 8A8FCF

 757CCF

 9FA2CF

 6169CF

 B3B5CF

 4C55CF

 C8C9CF

 3742CF

 DDDCCF

 222FCF

 F1EFCF

 0E1CCF

 FFFFCF

 000FCF

# Harmonies

## Analogous

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



539AD2



8A8FCF



B383BC

# Triad

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



8A8FCF



C78463



40A489

# Complementary

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



8A8FCF



CFCA8A

# 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.



6DA06B



8A8FCF



B18F55

# Square

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



8A8FCF



D27C7E



919957



00A5AA

# Rectangle

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



8A8FCF



C57DA9



919957



50A37F



# Sweetspot

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



8A8FCF



E6E7FF



8ACFC9



707180



000000



808080



# Same Dimension

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



8A8FCF



99A0FF



A78ACF



5E5F69



000CA8



000329



# Inverse Universe

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



CF8A8F



FF99A0



B2CF8A



695E5F



A8000C

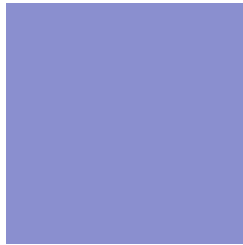


290003



# Previews

## White Background



This preview shows how the Hex color 8A8FCF looks on a white background.

## Color Contrast Check

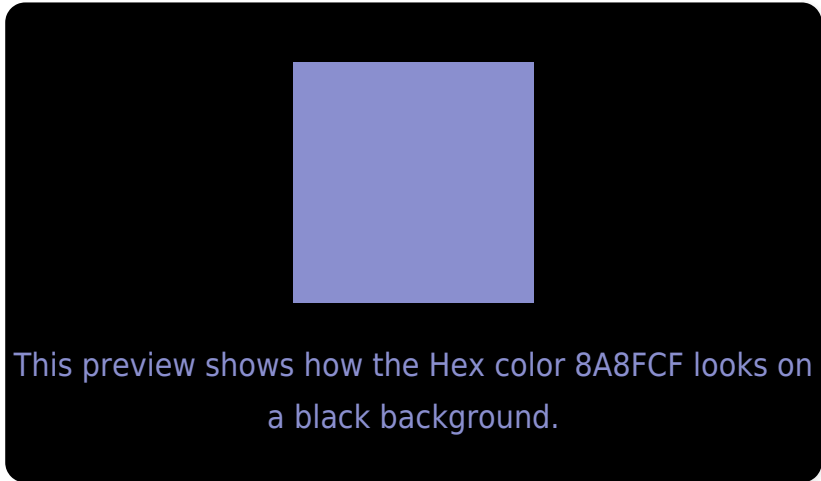
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A8FCF Background



This preview shows how black text looks on a background with the Hex color 8A8FCF.



This preview shows how white text looks on a background with the Hex color 8A8FCF.

# 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](#).

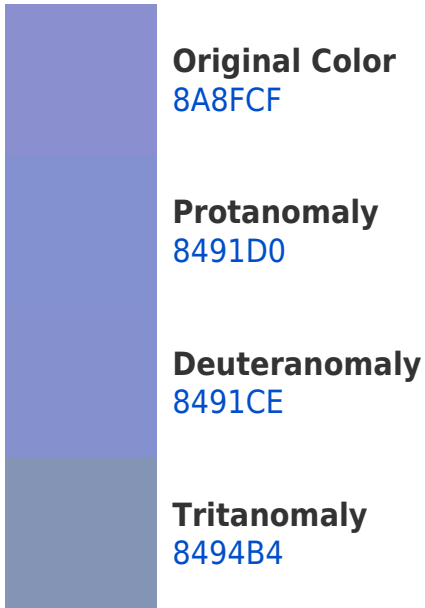
## Dichromacy



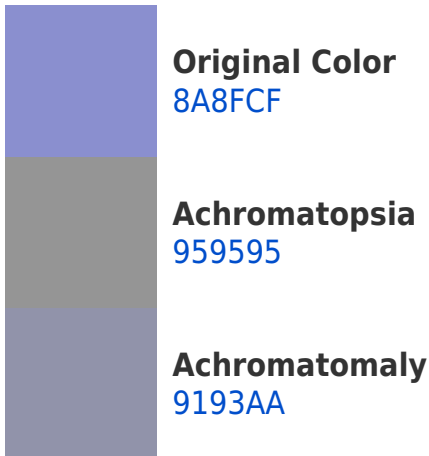


**Tritanopia**  
8097A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A8FCF 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 #8A8FCF looks like.

```
.text, #text, p{  
    color:#8A8FCF  
}
```

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 #8A8FCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A8FCF
}
```

## Border

The CSS property to change the border of an element to Hex 8A8FCF 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
#8A8FCF }
```

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

```
.border{ border-color:#8A8FCF }
```

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

Here you see how a box with a 4 pixel #8A8FCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A8FCF; -webkit-box-shadow:4px 4px  
4px 4px #8A8FCF; box-shadow:4px 4px 4px  
4px #8A8FCF }
```

# Background

The CSS property to change the background color of an element to Hex 8A8FCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A8FCF }
```

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

```
.background{ background-color:#8A8FCF }
```

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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