

Converting Colors

Hex(8C8FEA)

Have a look what the booklet for
Hex(8C8FEA) contains.

Hex(8C8FEA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8C8FEA)

Conversions

Conversions Part 1

Format	Color
Hex	8C8FEA
RGB	140, 143, 234
RGB Percent	55%, 56%, 92%
CMY	0.4510, 0.4392, 0.0824
CMYK	0.40, 0.39, 0.00, 0.08
HSL	238°, 69%, 73%
HSV	238°, 40%, 92%
XYZ	35.4890, 31.1609, 81.9861
YIQ	152.4770, -30.9990, 27.6650

Conversions

Conversions Part 2

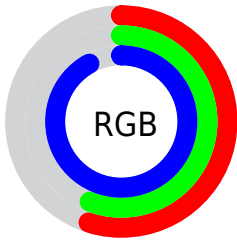
Format	Color
R _Y B	140, 143, 234
Decimal	9211882
CIE Lab	62.64, 21.06, -46.36
CIE LCh	63, 50.921, 294.435
Yxy	31.1609, 0.2388, 0.2096
Android (android.graphics.Color)	4287401962 (0xFF8C8FEA)
YUV	152.4770, 40.1908, -10.9423
Hunter-Lab	55.8219, 15.7935, -48.0043

Details

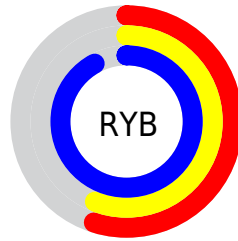
The Hex color **8C8FEA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EAE78C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C5C5FF**, and **545DB2** is the 20% darker color. If you saturate the color by 10%, you get **7578EA**, and if you desaturate by 10%, it is **A3A6EA**.

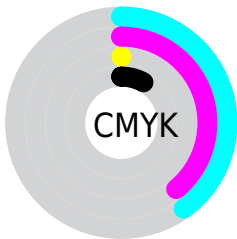
Distribution



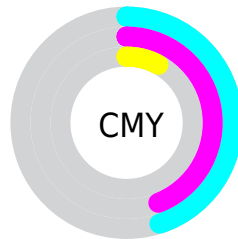
- Red (55%)
- Green (56%)
- Blue (92%)



- Red (55%)
- Yellow (56%)
- Blue (92%)



- Cyan (40%)
- Magenta (39%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (44%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C8FEA 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 8C8FEA by changing the saturation by 10% instead.

8C8FEA

8C8FEA

FFFFFF

7075CE

C5C5FF

545DB2

E2E1FF

384597

FFFDFF

162F7C

001B63

00024B

000433

00021D

000000

■ 8C8FEA

■ 8C8FEA

■ 7578EA

■ A3A6EA

■ 5D62EA

■ BBBCEA

■ 464BEA

■ D2D3EA

■ 2E34EA

■ EAEAEA

■ 171EEA

■ FFFFEA

■ 0007EA

Harmonies

Analogous

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



039FF1



8C8FEA



C77DCD

Triad

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



8C8FEA



DA814F



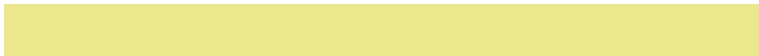
00AE8D

Complementary

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



8C8FEA



EAE78C

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.



54A961



8C8FEA



B8923A

Square

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



8C8FEA



EB7375



8DA041



00AEBC

Rectangle

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



8C8FEA



DF73B1



8DA041



00AD7E

Sweetspot

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



8C8FEA



E0E1FF



8CEAE7



6E6E80



000000



808080

Same Dimension

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



8C8FEA



8589FF



B88CEA



6A6A75



0006B5



000236

Inverse Universe

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



EA8C8F



FF8589



BEEA8C



756A6A



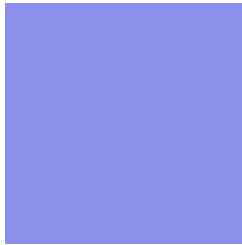
B50006



360002

Previews

White Background



This preview shows how the Hex color 8C8FEA looks on a white background.

Color Contrast Check

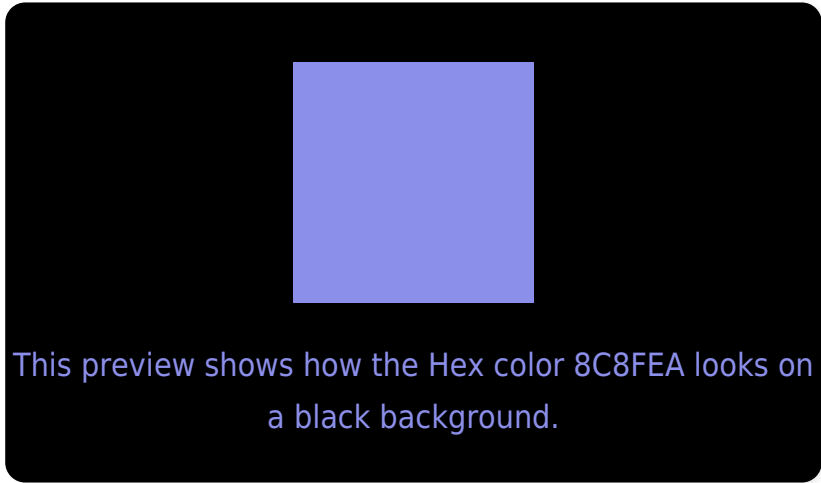
Large Text (above 18pt) WCAG AA × Fail

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

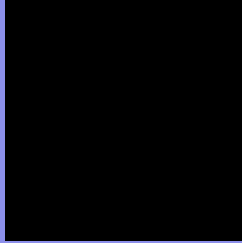
Any Text WCAG AA ✓ Pass

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 8C8FEA Background



This preview shows how black text looks on a background with the Hex color 8C8FEA.



This preview shows how white text looks on a background with the Hex color 8C8FEA.

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](#).

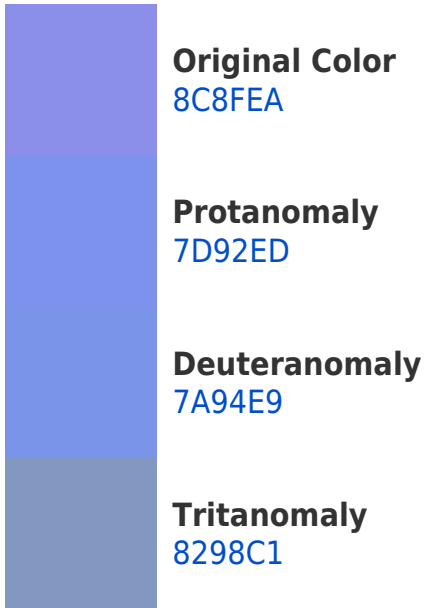
Dichromacy



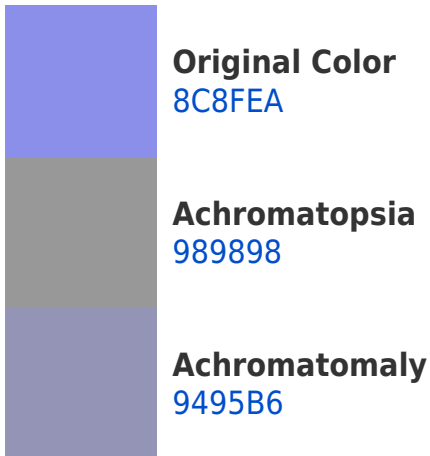


Tritanopia
7C9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C8FEA 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 #8C8FEA looks like.

```
.text, #text, p{  
    color:#8C8FEA  
}
```

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 #8C8FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8FEA
}
```

Border

The CSS property to change the border of an element to Hex 8C8FEA 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
#8C8FEA }
```

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

```
.border{ border-color:#8C8FEA }
```

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

Here you see how a box with a 4 pixel #8C8FEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8FEA; -webkit-box-shadow:4px 4px  
4px 4px #8C8FEA; box-shadow:4px 4px 4px  
4px #8C8FEA }
```

Background

The CSS property to change the background color of an element to Hex 8C8FEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8FEA }
```

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

```
.background{ background-color:#8C8FEA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor