

# Converting Colors

Hex(8C6FE8)

Have a look what the booklet for  
Hex(8C6FE8) contains.

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# Color

**Hex(8C6FE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C6FE8
RGB	140, 111, 232
RGB Percent	55%, 44%, 91%
CMY	0.4510, 0.5647, 0.0902
CMYK	0.40, 0.52, 0.00, 0.09
HSL	254°, 72%, 67%
HSV	254°, 52%, 91%
XYZ	31.0651, 22.7705, 79.1018
YIQ	133.4650, -21.5570, 43.7790

# Conversions

## Conversions Part 2

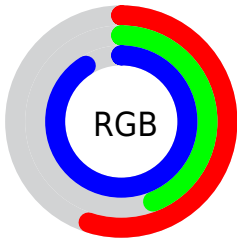
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 111, 232
Decimal	9203688
CIE <sub>Lab</sub>	54.84, 39.09, -57.66
CIE <sub>LCh</sub>	55, 69.664, 304.134
Yxy	22.7705, 0.2337, 0.1713
Android (android.graphics.Color)	4287393768 (0xFF8C6FE8)
YUV	133.4650, 48.5778, 5.7312
Hunter-Lab	47.7185, 32.6978, -64.8807

# Details

The Hex color **8C6FE8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **CBE86F**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C6A3FF**, and **533EB0** is the 20% darker color. If you saturate the color by 10%, you get **7A58E8**, and if you desaturate by 10%, it is **9E86E8**.

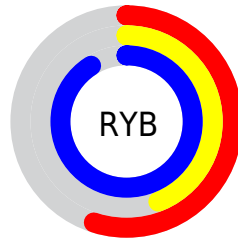
# Distribution



Red (55%)

Green (44%)

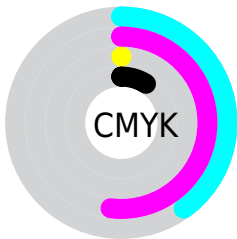
Blue (91%)



Red (55%)

Yellow (44%)

Blue (91%)

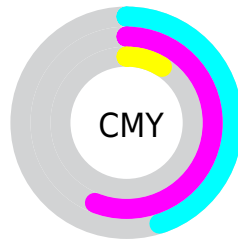


Cyan (40%)

Magenta (52%)

Yellow (0%)

Black (9%)



Cyan (45%)

Magenta (56%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C6FE8 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 8C6FE8 by changing the saturation by 10% instead.



 8C6FE8

 8C6FE8

FFFFFF

 7056CB

 C6A3FF

 533EB0

 E3BFFF

 352794

 FFDDBF

 0D117A

 FFF7FF

 000060

 000048

 000430

 00011A

 000000

 8C6FE8

 8C6FE8

 7A58E8

 9E86E8

 6941E8

 AF9DE8

 5729E8

 C1B5E8

 4512E8

 D3CCE8

 3800E8

 E4E3E8

 F6FAE8

 FFFFE8

# Harmonies

## Analogous

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



0088FD



8C6FE8



D150B9

# Triad

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



8C6FE8



C76C00



009E8A

# Complementary

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



8C6FE8



CBE86F

# 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.



009B4B



8C6FE8



978300

# Square

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



8C6FE8



E64F43



589300



009DC6

# Rectangle

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



8C6FE8



E74092



589300



009D75



# Sweetspot

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



8C6FE8



E0D6FF



6FCCE8



6D6780



000000



808080



# Same Dimension

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



8C6FE8



855EFF



C86FE8



6A6773



2B00B3



0C0033



# Inverse Universe

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



E86FCB



FF5ED8



8FE86F



736770



B30088

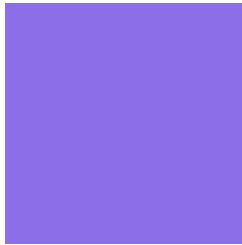


330027



# Previews

## White Background



This preview shows how the Hex color 8C6FE8 looks on a white background.

## Color Contrast Check

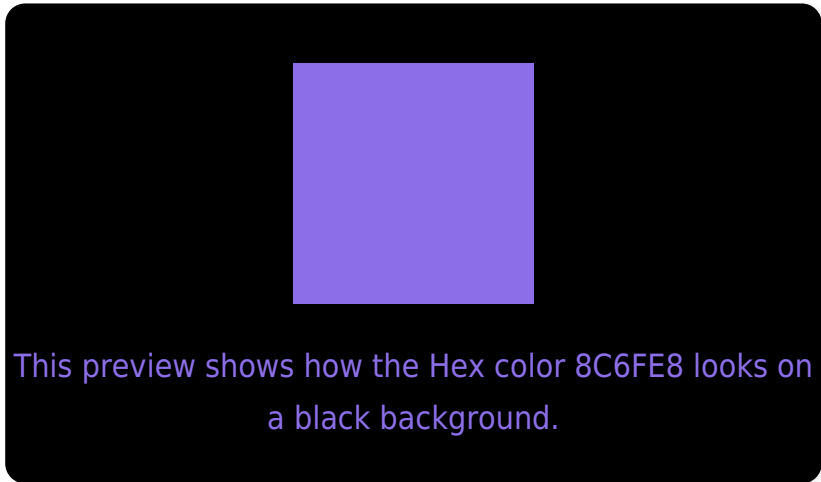
Large Text (above 18pt) WCAG AA ✓ Pass

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

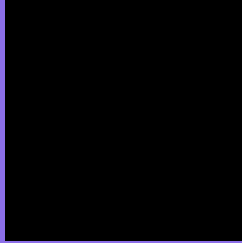
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C6FE8 Background



This preview shows how black text looks on a background with the Hex color 8C6FE8.



This preview shows how white text looks on a background with the Hex color 8C6FE8.

# 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](#).

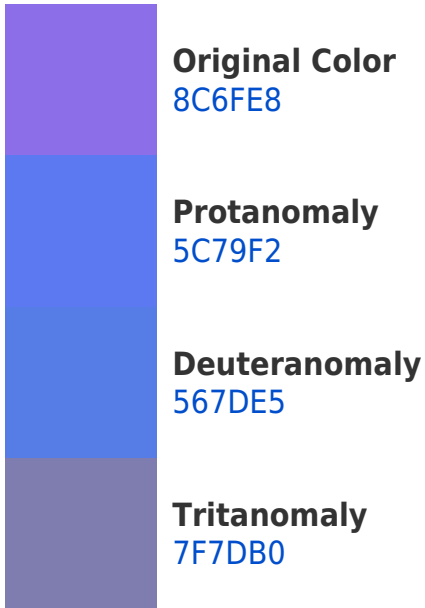
## Dichromacy



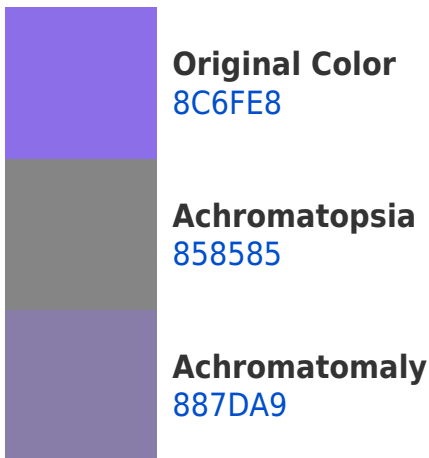


**Tritanopia**  
778590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C6FE8 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 #8C6FE8 looks like.

```
.text, #text, p{  
    color:#8C6FE8  
}
```

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 #8C6FE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C6FE8
}
```

## Border

The CSS property to change the border of an element to Hex 8C6FE8 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
#8C6FE8 }
```

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

```
.border{ border-color:#8C6FE8 }
```

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

Here you see how a box with a 4 pixel #8C6FE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C6FE8; -webkit-box-shadow:4px 4px  
4px 4px #8C6FE8; box-shadow:4px 4px 4px  
4px #8C6FE8 }
```

# Background

The CSS property to change the background color of an element to Hex 8C6FE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C6FE8 }
```

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

```
.background{ background-color:#8C6FE8 }
```

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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