

# Converting Colors

Hex(8C8FB0)

Have a look what the booklet for  
Hex(8C8FB0) contains.

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# **Color**

**Hex(8C8FB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C8FB0
RGB	140, 143, 176
RGB Percent	55%, 56%, 69%
CMY	0.4510, 0.4392, 0.3098
CMYK	0.20, 0.19, 0.00, 0.31
HSL	235°, 19%, 62%
HSV	235°, 20%, 69%
XYZ	28.4742, 28.3550, 45.0466
YIQ	145.8650, -12.3810, 9.6270

# Conversions

## Conversions Part 2

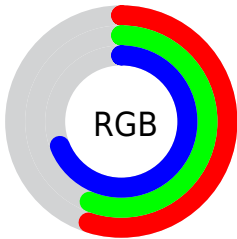
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 143, 176
Decimal	9211824
CIE Lab	60.21, 6.08, -17.63
CIE LCh	60, 18.651, 289.015
Yxy	28.3550, 0.2795, 0.2783
Android (android.graphics.Color)	4287401904 (0xFF8C8FB0)
YUV	145.8650, 14.8566, -5.1436
Hunter-Lab	53.2494, 2.2633, -12.8821

# Details

The Hex color **8C8FB0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B0AD8C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C2C5E8**, and **595D7B** is the 20% darker color. If you saturate the color by 10%, you get **7A7FB0**, and if you desaturate by 10%, it is **9E9FB0**.

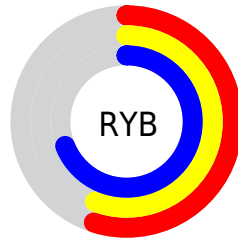
# Distribution



Red (55%)

Green (56%)

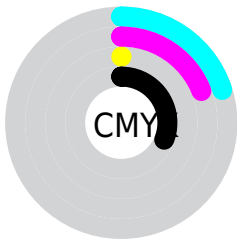
Blue (69%)



Red (55%)

Yellow (56%)

Blue (69%)

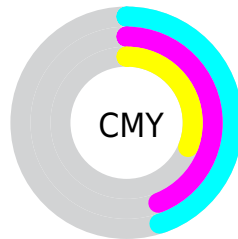


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (44%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8FB0 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 8C8FB0 by changing the saturation by 10% instead.





8C8FB0



8C8FB0

FFFFFF



727595



C2C5E8



595D7B



DEE1FF



414562



FBFDFD



2A2F4B



141A34



00001F



000002



000000



8C8FB0



8C8FB0

 7A7FB0

 9E9FB0

 696FB0

 AFAFB0

 575FB0

 C1BFB0

 464EB0


 D2D0B0

 343EB0

 E4E0B0

 222EB0

 F6F0B0

 111EB0

 FFFFB0

 000FB0

# Harmonies

## Analogous

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



7694B1



8C8FB0



A08AA7

# Triad

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



8C8FB0



AF8979



6F9A8A

# Complementary

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



8C8FB0



B0AD8C

# 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.



80987B



8C8FB0



A38E71

# Square

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



8C8FB0



B38687



939372



649A9B

# Rectangle

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



8C8FB0



AB879D



939372



749A85



# Sweetspot

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



8C8FB0



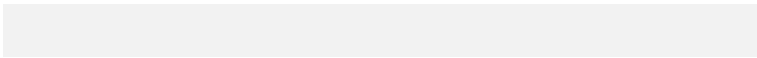
D8D9E6



8CB0AD



6B6B73



F2F2F2



737373



# Same Dimension

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



8C8FB0



ACB1E6



9B8CB0



505159



000D99



00021A



# Inverse Universe

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



B08C8F



E6ACB1



A1B08C



595051



99000D

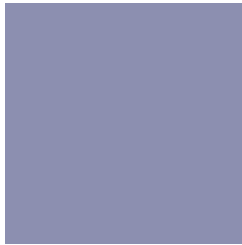


1A0002



# Previews

## White Background



This preview shows how the Hex color 8C8FB0 looks on a white background.

## Color Contrast Check

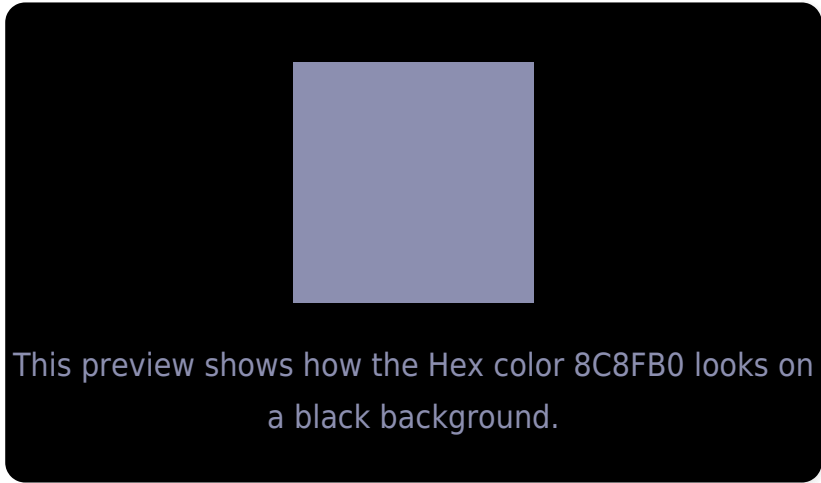
Large Text (above 18pt) WCAG AA ✓ Pass

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

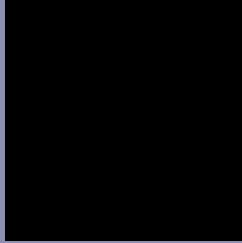
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

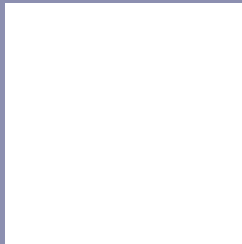
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C8FB0 Background



This preview shows how black text looks on a background with the Hex color 8C8FB0.



This preview shows how white text looks on a background with the Hex color 8C8FB0.

# 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**  
8C8FB0

**Protanopia**  
8A90B0

**Deuteranopia**  
908EB0



**Tritanopia**  
89929E

# Trichromacy



**Original Color**  
8C8FB0

**Protanomaly**  
8B90B0

**Deuteranomaly**  
8F8EB0

**Tritanomaly**  
8A91A5

# Monochromacy



**Original Color**  
8C8FB0

**Achromatopsia**  
929292

**Achromatomaly**  
90919D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8FB0 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 #8C8FB0 looks like.

```
.text, #text, p{  
    color:#8C8FB0  
}
```

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 #8C8FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8FB0
}
```

## Border

The CSS property to change the border of an element to Hex 8C8FB0 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
#8C8FB0 }
```

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

```
.border{ border-color:#8C8FB0 }
```

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

Here you see how a box with a 4 pixel #8C8FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8FB0; -webkit-box-shadow:4px 4px  
4px 4px #8C8FB0; box-shadow:4px 4px 4px  
4px #8C8FB0 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8FB0 }
```

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

```
.background{ background-color:#8C8FB0 }
```

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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