

# Converting Colors

Hex(8C8CB4)

Have a look what the booklet for  
Hex(8C8CB4) contains.

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# Color

**Hex(8C8CB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C8CB4
RGB	140, 140, 180
RGB Percent	55%, 55%, 71%
CMY	0.4510, 0.4510, 0.2941
CMYK	0.22, 0.22, 0.00, 0.29
HSL	240°, 21%, 63%
HSV	240°, 22%, 71%
XYZ	28.4315, 27.6269, 47.0140
YIQ	144.5600, -12.8400, 12.4400

# Conversions

## Conversions Part 2

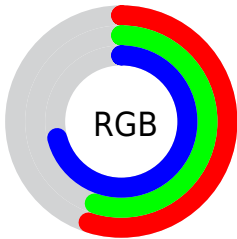
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 140, 180
Decimal	9211060
CIE <sub>Lab</sub>	59.55, 8.75, -20.91
CIE <sub>LCh</sub>	60, 22.662, 292.701
Yxy	27.6269, 0.2758, 0.2680
Android (android.graphics.Color)	4287401140 (0xFF8C8CB4)
YUV	144.5600, 17.4719, -3.9991
Hunter-Lab	52.5613, 4.5721, -16.2397

# Details

The Hex color **8C8CB4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B4B48C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C2C1EC**, and **595A7F** is the 20% darker color. If you saturate the color by 10%, you get **7A7AB4**, and if you desaturate by 10%, it is **9E9EB4**.

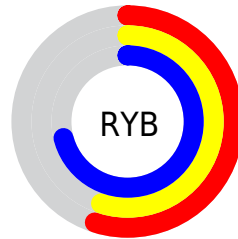
# Distribution



Red (55%)

Green (55%)

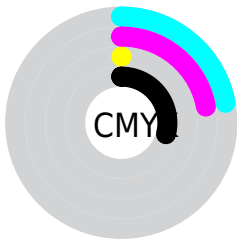
Blue (71%)



Red (55%)

Yellow (55%)

Blue (71%)

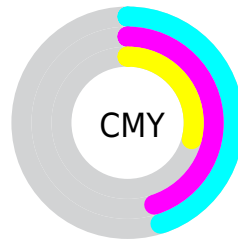


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (29%)



Cyan (45%)

Magenta (45%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8CB4 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 8C8CB4 by changing the saturation by 10% instead.



■ 8C8CB4

■ 8C8CB4

FFFFFF

■ 727399

■ C2C1EC

■ 595A7F

■ DEDDFE

■ 414366

■ FBFAFF

■ 2A2D4E

■ 131837

■ 000022

■ 000007

■ 000000

■ 8C8CB4

■ 8C8CB4

7A7AB4

9E9EB4

6868B4

B0B0B4

5656B4

C2C2B4

4444B4

D4D4B4

3232B4

E6E6B4

2020B4

F8F8B4

0E0EB4

FFFFB4

0000B4

# Harmonies

## Analogous

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



7093B6



8C8CB4



A485A8

# Triad

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



8C8CB4



B28670



629A8A

# Complementary

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



8C8CB4



B4B48C

# 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.



779877



8C8CB4



A38C68

# Square

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



8C8CB4



B88281



8E936A



559A9E

# Rectangle

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



8C8CB4



B0829C



8E936A



689A83



# Sweetspot

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



8C8CB4



DADAEB



8CB4B4



6C6C75



F5F5F5



757575



# Same Dimension

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



8C8CB4



ABABEB



A08CB4



505059



000099



00001A



# Inverse Universe

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



B48CB4



EBABEB



A0B48C



595059



990099

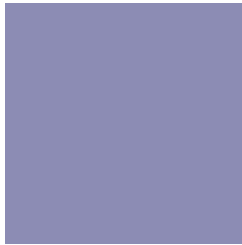


1A001A



# Previews

## White Background



This preview shows how the Hex color 8C8CB4 looks on a white background.

## Color Contrast Check

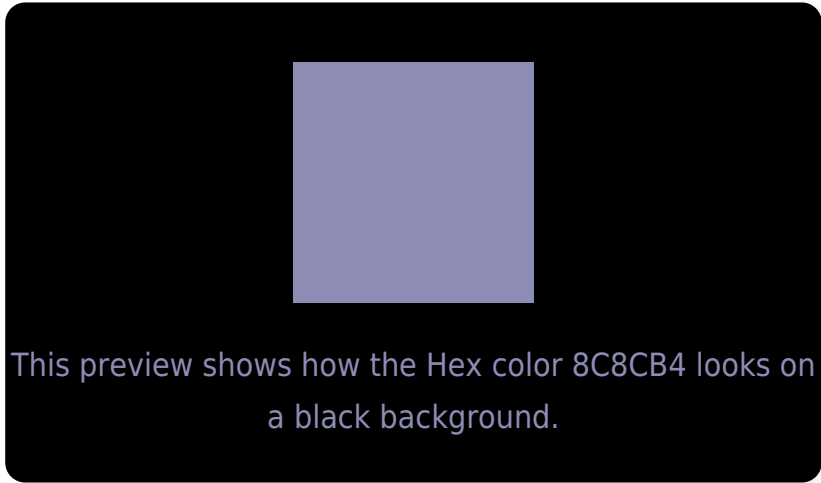
Large Text (above 18pt) WCAG AA ✓ Pass

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

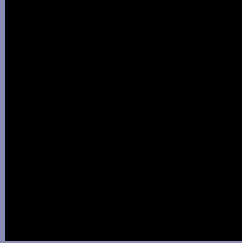
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C8CB4 Background



This preview shows how black text looks on a background with the Hex color 8C8CB4.



This preview shows how white text looks on a background with the Hex color 8C8CB4.

# 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**  
8C8CB4

**Protanopia**  
858EB5

**Deuteranopia**  
8A8DB4



**Tritanopia**  
87909C

# Trichromacy



**Original Color**  
8C8CB4

**Protanomaly**  
888DB5

**Deuteranomaly**  
8B8DB4

**Tritanomaly**  
898FA5

# Monochromacy



**Original Color**  
8C8CB4

**Achromatopsia**  
919191

**Achromatomaly**  
8F8F9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8CB4 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 #8C8CB4 looks like.

```
.text, #text, p{  
    color:#8C8CB4  
}
```

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 #8C8CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8CB4
}
```

## Border

The CSS property to change the border of an element to Hex 8C8CB4 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
#8C8CB4 }
```

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

```
.border{ border-color:#8C8CB4 }
```

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

Here you see how a box with a 4 pixel #8C8CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8CB4; -webkit-box-shadow:4px 4px  
4px 4px #8C8CB4; box-shadow:4px 4px 4px  
4px #8C8CB4 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8CB4 }
```

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

```
.background{ background-color:#8C8CB4 }
```

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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