

# Converting Colors

Hex(8C7E9B)

Have a look what the booklet for  
Hex(8C7E9B) contains.

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# Color

**Hex(8C7E9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C7E9B
RGB	140, 126, 155
RGB Percent	55%, 49%, 61%
CMY	0.4510, 0.5059, 0.3922
CMYK	0.10, 0.19, 0.00, 0.39
HSL	269°, 13%, 55%
HSV	269°, 19%, 61%
XYZ	24.1925, 22.8637, 34.1484
YIQ	133.4920, -0.9650, 11.9870

# Conversions

## Conversions Part 2

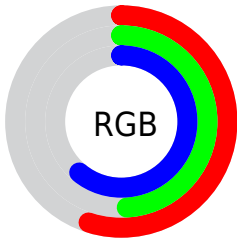
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 126, 155
Decimal	9207451
CIE <sub>Lab</sub>	54.93, 11.13, -13.59
CIE <sub>LCh</sub>	55, 17.565, 309.327
Yxy	22.8637, 0.2979, 0.2816
Android (android.graphics.Color)	4287397531 (0xFF8C7E9B)
YUV	133.4920, 10.6034, 5.7075
Hunter-Lab	47.8160, 6.6339, -8.8715

# Details

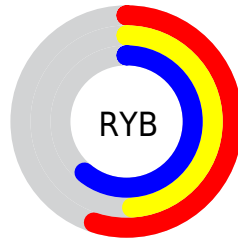
The Hex color **8C7E9B** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **8D9B7E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C2B3D1**, and **5A4D68** is the 20% darker color. If you saturate the color by 10%, you get **846F9B**, and if you desaturate by 10%, it is **948E9B**.

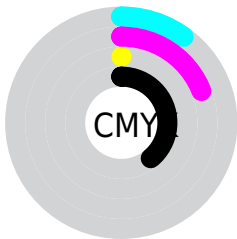
# Distribution



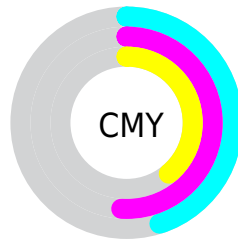
- Red (55%)
- Green (49%)
- Blue (61%)



- Red (55%)
- Yellow (49%)
- Blue (61%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (51%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C7E9B 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 8C7E9B by changing the saturation by 10% instead.





8C7E9B



8C7E9B

FFFFFF



726581



C2B3D1



5A4D68



DECEEE



423650



FAEAFF



2C2139



180B23



00000C



000000



8C7E9B



8C7E9B



846F9B



948E9B

7C5F9B

9C9D9B

74509B

A4AD9B

6C409B

ACBC9B

64319B

B4CB9B

5C219B

BCDB9B

54129B

C4EB9B

4C029B

CCFA9B

4B009B

D4FF9B

# Harmonies

## Analogous

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



7883A1



8C7E9B



9B7A8F

# Triad

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



8C7E9B



987F67



5C8C88

# Complementary

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



8C7E9B



8D9B7E

# 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.



688B78



8C7E9B



8A8465

# Square

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



8C7E9B



A17B71



79886C



5A8B96

# Rectangle

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



8C7E9B



A17984



79886C



5F8C83



# Sweetspot

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



8C7E9B



C3BDC9



7E8D9B



625F66



E6E6E6



666666



# Same Dimension

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



8C7E9B



B39DC9



9A7E9B



49454D



44008C



06000D



# Inverse Universe

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



9B7E8D



C99DB4



7F9B7E



4D4549



8C0049

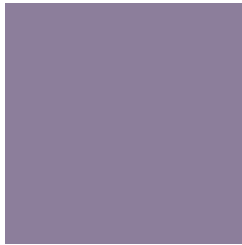


0D0007



# Previews

## White Background



This preview shows how the Hex color 8C7E9B looks on a white background.

## Color Contrast Check

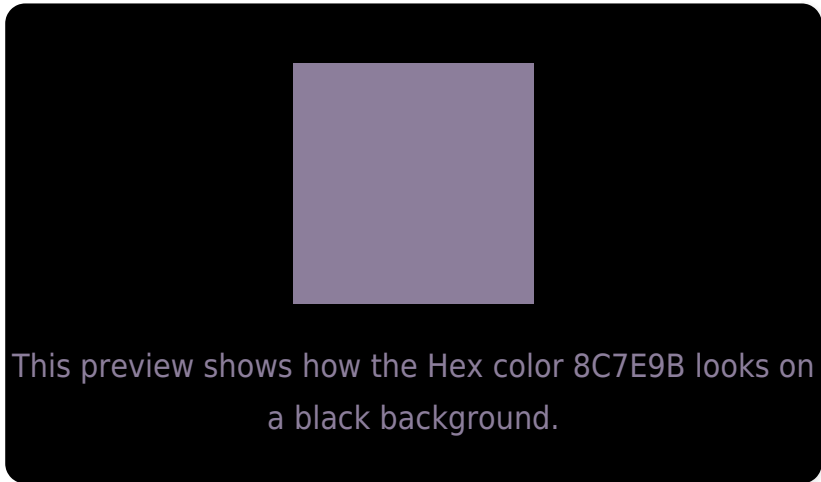
Large Text (above 18pt) WCAG AA ✓ Pass

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

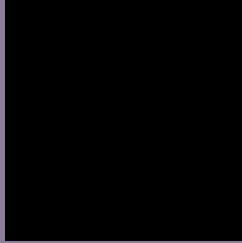
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C7E9B Background



This preview shows how black text looks on a background with the Hex color 8C7E9B.



This preview shows how white text looks on a background with the Hex color 8C7E9B.

# 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**  
8C7E9B

**Protanopia**  
7E829E

**Deuteranopia**  
85809B



**Tritanopia**  
89818B

# Trichromacy



**Original Color**  
8C7E9B

**Protanomaly**  
83819D

**Deuteranomaly**  
887F9B

**Tritanomaly**  
8A8091

# Monochromacy



**Original Color**  
8C7E9B

**Achromatopsia**  
858585

**Achromatomaly**  
88828D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C7E9B 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 #8C7E9B looks like.

```
.text, #text, p{  
    color:#8C7E9B  
}
```

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 #8C7E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C7E9B
}
```

## Border

The CSS property to change the border of an element to Hex 8C7E9B 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
#8C7E9B }
```

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

```
.border{ border-color:#8C7E9B }
```

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

Here you see how a box with a 4 pixel #8C7E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C7E9B; -webkit-box-shadow:4px 4px  
4px 4px #8C7E9B; box-shadow:4px 4px 4px  
4px #8C7E9B }
```

# Background

The CSS property to change the background color of an element to Hex 8C7E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C7E9B }
```

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

```
.background{ background-color:#8C7E9B }
```

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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