

# Converting Colors

Hex(9F8CB7)

Have a look what the booklet for  
Hex(9F8CB7) contains.

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# **Color**

**Hex(9F8CB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F8CB7
RGB	159, 140, 183
RGB Percent	62%, 55%, 72%
CMY	0.3765, 0.4510, 0.2824
CMYK	0.13, 0.23, 0.00, 0.28
HSL	267°, 23%, 63%
HSV	267°, 23%, 72%
XYZ	32.2234, 29.5460, 48.8043
YIQ	150.5830, -2.4790, 17.4010

# Conversions

## Conversions Part 2

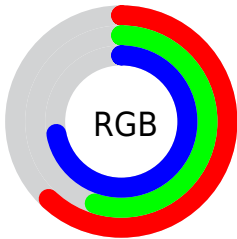
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 140, 183
Decimal	10456247
CIE <sub>Lab</sub>	61.26, 15.62, -19.85
CIE <sub>LCh</sub>	61, 25.263, 308.202
Yxy	29.5460, 0.2914, 0.2672
Android (android.graphics.Color)	4288646327 (0xFF9F8CB7)
YUV	150.5830, 15.9816, 7.3817
Hunter-Lab	54.3562, 10.6948, -15.1848

# Details

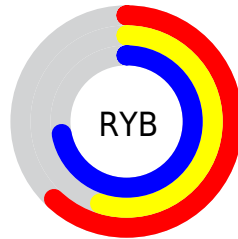
The Hex color **9F8CB7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A4B78C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D6C2EF**, and **6B5A82** is the 20% darker color. If you saturate the color by 10%, you get **957AB7**, and if you desaturate by 10%, it is **A99EB7**.

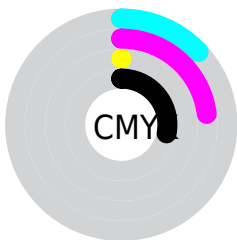
# Distribution



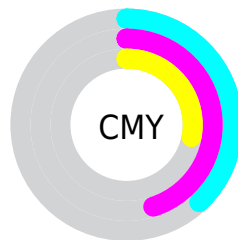
- Red (62%)
- Green (55%)
- Blue (72%)



- Red (62%)
- Yellow (55%)
- Blue (72%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (28%)



- Cyan (38%)
- Magenta (45%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F8CB7 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 9F8CB7 by changing the saturation by 10% instead.





9F8CB7



9F8CB7

FFFFFF



85729C



D6C2EF



6B5A82



F3DEFF



524269



FFFAFF



3B2C50



241739



120024



00000C



000000



9F8CB7



9F8CB7

957AB7

A99EB7

8B67B7

B3B1B7

8055B7

BEC3B7

7643B7

C8D5B7

6C31B7

D2E8B7

621EB7

DCFAB7

580CB7

E6FFB7

5100B7

F1FFB7

FBFFB7

# Harmonies

## Analogous

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



8094C0



9F8CB7



B686A5

# Triad

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



9F8CB7



B28D6B



56A099

# Complementary

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



9F8CB7



A4B78C

# 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.



6B9F83



9F8CB7



9E9468

# Square

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



9F8CB7



BF8679



859B70



4F9FAF

# Rectangle

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



9F8CB7



BE8496



859B70



5CA092



# Sweetspot

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



9F8CB7



E4DDED



8CA4B7



726E78



F7F7F7



787878



# Same Dimension

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



9F8CB7



C8ABED



B48CB7



57535C



45009C



0C001C



# Inverse Universe

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



B78CA4



EDABD0



8FB78C



5C5358



9C0057

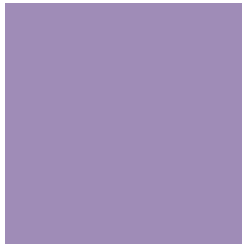


1C0010



# Previews

## White Background



This preview shows how the Hex color 9F8CB7 looks on a white background.

## Color Contrast Check

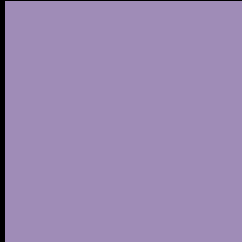
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 9F8CB7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

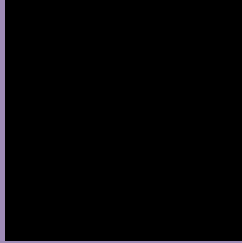
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F8CB7 Background



This preview shows how black text looks on a background with the Hex color 9F8CB7.

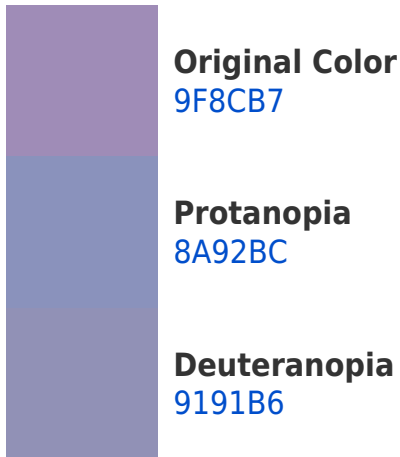


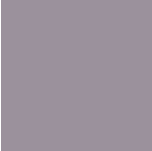
This preview shows how white text looks on a background with the Hex color 9F8CB7.

# 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**  
9B919C

# Trichromacy



**Original Color**  
9F8CB7

**Protanomaly**  
9290BA

**Deuteranomaly**  
968FB6

**Tritanomaly**  
9C8FA6

# Monochromacy



**Original Color**  
9F8CB7

**Achromatopsia**  
979797

**Achromatomaly**  
9A93A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F8CB7 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 #9F8CB7 looks like.

```
.text, #text, p{  
    color:#9F8CB7  
}
```

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 #9F8CB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8CB7
}
```

## Border

The CSS property to change the border of an element to Hex 9F8CB7 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
#9F8CB7 }
```

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

```
.border{ border-color:#9F8CB7 }
```

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

Here you see how a box with a 4 pixel #9F8CB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8CB7; -webkit-box-shadow:4px 4px  
4px 4px #9F8CB7; box-shadow:4px 4px 4px  
4px #9F8CB7 }
```

# Background

The CSS property to change the background color of an element to Hex 9F8CB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8CB7 }
```

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

```
.background{ background-color:#9F8CB7 }
```

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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