

# Converting Colors

Hex(9C96C7)

Have a look what the booklet for  
Hex(9C96C7) contains.

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# **Color**

**Hex(9C96C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C96C7
RGB	156, 150, 199
RGB Percent	61%, 59%, 78%
CMY	0.3882, 0.4118, 0.2196
CMYK	0.22, 0.25, 0.00, 0.22
HSL	247°, 30%, 68%
HSV	247°, 25%, 78%
XYZ	34.9255, 33.0041, 58.5625
YIQ	157.3800, -12.1530, 16.5110

# Conversions

## Conversions Part 2

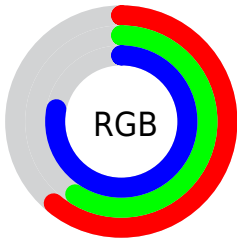
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 150, 199
Decimal	10262215
CIE Lab	64.16, 12.59, -24.43
CIE LCh	64, 27.488, 297.264
Yxy	33.0041, 0.2761, 0.2609
Android (android.graphics.Color)	4288452295 (0xFF9C96C7)
YUV	157.3800, 20.5187, -1.2103
Hunter-Lab	57.4492, 7.9804, -20.2245

# Details

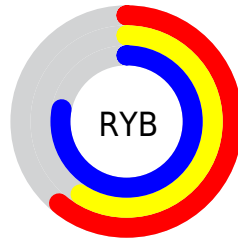
The Hex color **9C96C7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C1C796**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D3CCFF**, and **686391** is the 20% darker color. If you saturate the color by 10%, you get **8B82C7**, and if you desaturate by 10%, it is **ADAAC7**.

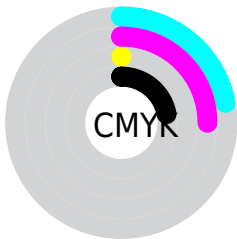
# Distribution



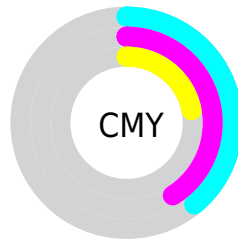
- Red (61%)
- Green (59%)
- Blue (78%)



- Red (61%)
- Yellow (59%)
- Blue (78%)



- Cyan (22%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (41%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C96C7 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 9C96C7 by changing the saturation by 10% instead.



■ 9C96C7

■ 9C96C7

FFFFFF

■ 827CAC

■ D3CCFF

■ 686391

■ FOE8FF

■ 4F4B77

■ 37355E

■ 202046

■ 0A0930

■ 00011A

■ 000000

■ 9C96C7

■ 9C96C7

8B82C7

ADAAC7

796EC7

BFBEC7

685AC7

D0D2C7

5646C7

E2E6C7

4533C7

F3FAC7

331FC7

FFFFC7

220BC7

1800C7

# Harmonies

## Analogous

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



789ECC



9C96C7



B98EB6

# Triad

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



9C96C7



C39173



5EA998

# Complementary

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



9C96C7



C1C796

# 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.



79A680



9C96C7



AF996B

# Square

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



9C96C7



CC8B86



95A16F



4EA9B1

# Rectangle

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



9C96C7



C58AA7



95A16F



66A890



# Sweetspot

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



9C96C7



EFEDFF



96C1C7



777580



000000



808080



# Same Dimension

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



9C96C7



BCB3FF



B496C7



5B5A63



1400A3



040024



# Inverse Universe

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



C796C1



FFB3F6



A9C796



635A62



A3008F



24001F



# Previews

## White Background



This preview shows how the Hex color 9C96C7 looks on a white background.

## Color Contrast Check

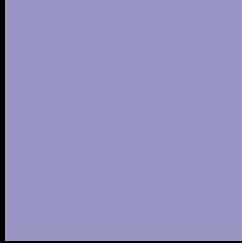
Large Text (above 18pt) WCAG AA × Fail

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 9C96C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

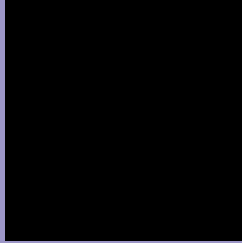
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9C96C7 Background



This preview shows how black text looks on a background with the Hex color 9C96C7.



This preview shows how white text looks on a background with the Hex color 9C96C7.

# 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**  
9C96C7

**Protanopia**  
8F9ACA

**Deuteranopia**  
9499C6



**Tritanopia**  
969CA8

# Trichromacy



**Original Color**  
9C96C7

**Protanomaly**  
9499C9

**Deuteranomaly**  
9798C6

**Tritanomaly**  
989AB3

# Monochromacy



**Original Color**  
9C96C7

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
9D9AAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C96C7 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 #9C96C7 looks like.

```
.text, #text, p{  
    color:#9C96C7  
}
```

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 #9C96C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C96C7
}
```

## Border

The CSS property to change the border of an element to Hex 9C96C7 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
#9C96C7 }
```

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

```
.border{ border-color:#9C96C7 }
```

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

Here you see how a box with a 4 pixel #9C96C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C96C7; -webkit-box-shadow:4px 4px  
4px 4px #9C96C7; box-shadow:4px 4px 4px  
4px #9C96C7 }
```

# Background

The CSS property to change the background color of an element to Hex 9C96C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C96C7 }
```

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

```
.background{ background-color:#9C96C7 }
```

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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