

# Converting Colors

Hex(9C7AE7)

Have a look what the booklet for  
Hex(9C7AE7) contains.

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# Color

Hex(9C7AE7)

# Conversions

## Conversions Part 1

Format	Color
Hex	9C7AE7
RGB	156, 122, 231
RGB Percent	61%, 48%, 91%
CMY	0.3882, 0.5216, 0.0941
CMYK	0.32, 0.47, 0.00, 0.09
HSL	259°, 69%, 69%
HSV	259°, 47%, 91%
XYZ	35.0936, 26.7565, 78.9162
YIQ	144.5920, -14.7250, 41.1070

# Conversions

## Conversions Part 2

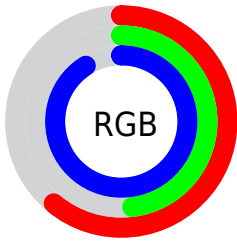
Format	Color
R <sub>YB</sub>	156, 122, 231
Decimal	10255079
CIE <sub>Lab</sub>	58.75, 36.51, -50.78
CIE <sub>LCh</sub>	59, 62.540, 305.718
Y <sub>xy</sub>	26.7565, 0.2493, 0.1901
Android (android.graphics.Color)	4288445159 (0xFF9C7AE7)
YUV	144.5920, 42.5991, 10.0048
Hunter-Lab	51.7267, 30.5805, -54.2464

# Details

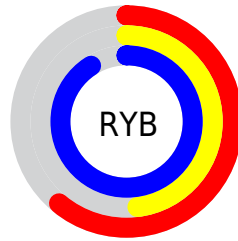
The Hex color **9C7AE7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C5E77A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D5AFFF**, and **6548AF** is the 20% darker color. If you saturate the color by 10%, you get **8C63E7**, and if you desaturate by 10%, it is **AC91E7**.

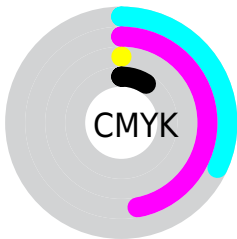
# Distribution



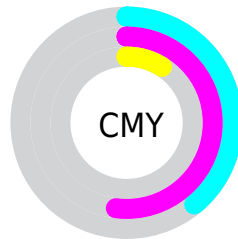
- Red (61%)
- Green (48%)
- Blue (91%)



- Red (61%)
- Yellow (48%)
- Blue (91%)



- Cyan (32%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)



- Cyan (39%)
- Magenta (52%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C7AE7 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 9C7AE7 by changing the saturation by 10% instead.



9C7AE7

9C7AE7

FFFFFF

8061CB

D5AFFF

6548AF

F2CBFF

493194

FFE7FF

2D1A79

070460

000048

000430

00011A

000000

9C7AE7

9C7AE7

8C63E7

AC91E7

7C4CE7

BCA8E7

6C35E7

CCBFE7

5C1EE7

DCD6E7

4D07E7

EBEEE7

4800E7

FBFFE7

FFFE7

# Harmonies

## Analogous

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



0090FB



9C7AE7



D762BC

# Triad

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



9C7AE7



CC7A23



00A797

# Complementary

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



9C7AE7



C5E77A

# 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.



00A45E



9C7AE7



9F8E04

# Square

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



9C7AE7



E96350



659C2B



00A6CC

# Rectangle

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



9C7AE7



EB5798



659C2B



00A683



# Sweetspot

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



9C7AE7



E6DBFF



7AC6E7



716A80



000000



808080



# Same Dimension

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



9C7AE7



9B6EFF



D17AE7



6B6773



3800B3



100033



# Inverse Universe

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



E77AC5



FF6ED2



90E77A



73676F



B3007B

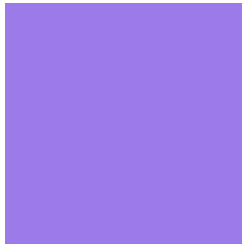


330023



# Previews

## White Background



This preview shows how the Hex color 9C7AE7 looks on a white background.

## Color Contrast Check

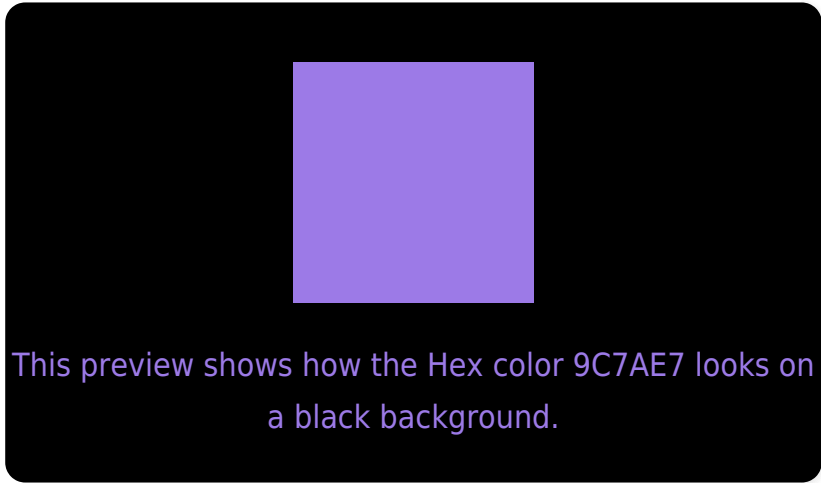
Large Text (above 18pt) WCAG AA ✓ Pass

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

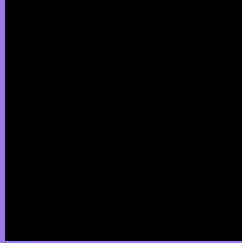
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C7AE7 Background



This preview shows how black text looks on a background with the Hex color 9C7AE7.

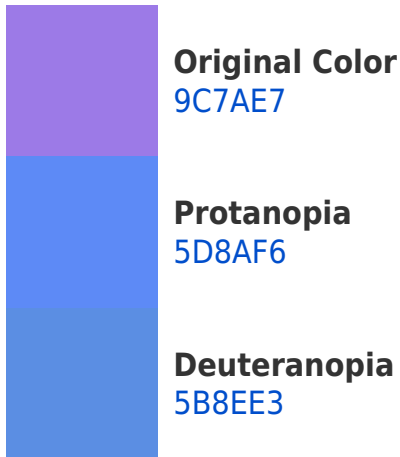


This preview shows how white text looks on a background with the Hex color 9C7AE7.

# 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](#).

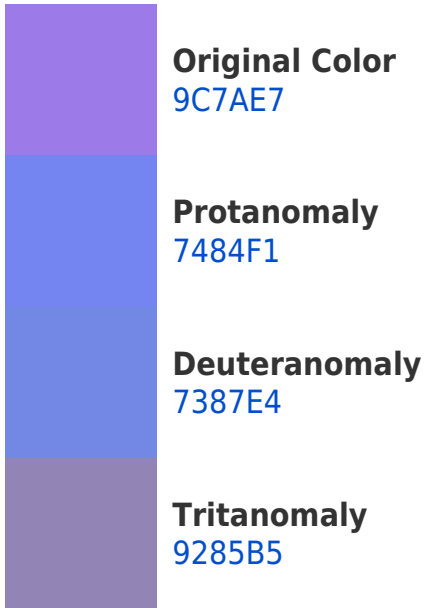
## Dichromacy



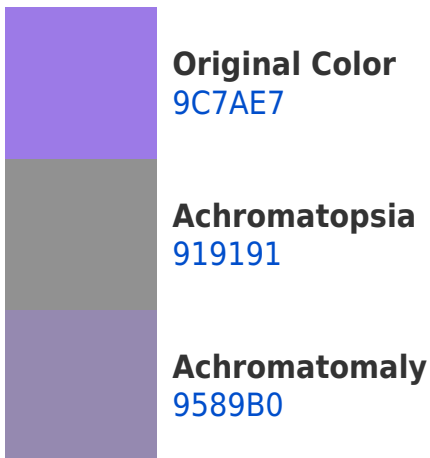


**Tritanopia**  
8C8C98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C7AE7 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 #9C7AE7 looks like.

```
.text, #text, p{  
    color:#9C7AE7  
}
```

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 #9C7AE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7AE7
}
```

## Border

The CSS property to change the border of an element to Hex 9C7AE7 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
#9C7AE7 }
```

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

```
.border{ border-color:#9C7AE7 }
```

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

Here you see how a box with a 4 pixel #9C7AE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7AE7; -webkit-box-shadow:4px 4px  
4px 4px #9C7AE7; box-shadow:4px 4px 4px  
4px #9C7AE7 }
```

# Background

The CSS property to change the background color of an element to Hex 9C7AE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7AE7 }
```

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

```
.background{ background-color:#9C7AE7 }
```

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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