

# Converting Colors

Hex(9C81C9)

Have a look what the booklet for  
Hex(9C81C9) contains.

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# Color

Hex(9C81C9)

# Conversions

## Conversions Part 1

Format	Color
Hex	9C81C9
RGB	156, 129, 201
RGB Percent	61%, 51%, 79%
CMY	0.3882, 0.4941, 0.2118
CMYK	0.22, 0.36, 0.00, 0.21
HSL	262°, 40%, 65%
HSV	262°, 36%, 79%
XYZ	32.1032, 26.9855, 58.7750
YIQ	145.2810, -7.0200, 28.1160

# Conversions

## Conversions Part 2

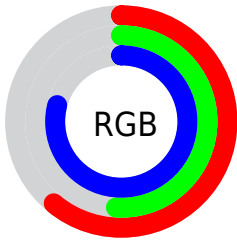
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 129, 201
Decimal	10256841
CIE <sub>Lab</sub>	58.96, 25.10, -33.60
CIE <sub>LCh</sub>	59, 41.943, 306.761
Yxy	26.9855, 0.2724, 0.2290
Android (android.graphics.Color)	4288446921 (0xFF9C81C9)
YUV	145.2810, 27.4695, 9.4006
Hunter-Lab	51.9476, 19.4034, -30.7192

# Details

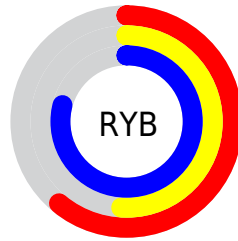
The Hex color **9C81C9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AEC981**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D4B6FF**, and **674F93** is the 20% darker color. If you saturate the color by 10%, you get **8F6DC9**, and if you desaturate by 10%, it is **A995C9**.

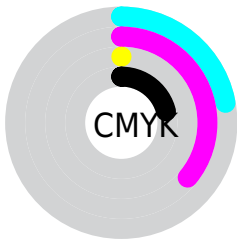
# Distribution



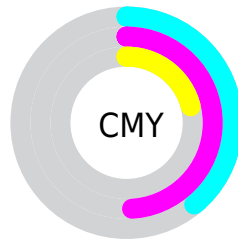
- Red (61%)
- Green (51%)
- Blue (79%)



- Red (61%)
- Yellow (51%)
- Blue (79%)



- Cyan (22%)
- Magenta (36%)
- Yellow (0%)
- Black (21%)



- Cyan (39%)
- Magenta (49%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C81C9 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 9C81C9 by changing the saturation by 10% instead.



 9C81C9

 9C81C9

FFFFFF

 8168AD

 D4B6FF

 674F93

 F0D2FF

 4E3879

 FFEEFF

 352260

 1C0D47

 070031

 00011B

 000000

 9C81C9

 9C81C9

8F6DC9

A995C9

8359C9

B5A9C9

7645C9

C2BDC9

6A31C9

CED1C9

5D1DC9

DBE6C9

5108C9

E7FAC9

4B00C9

F4FFC9

FFFFC9

# Harmonies

## Analogous

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



608FD7



9C81C9



C274AC

# Triad

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



9C81C9



BC824A



00A195

# Complementary

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



9C81C9



AEC981

# 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.



439F70



9C81C9



9C8F42

# Square

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



9C81C9



CF7564



759851



009FB9

# Rectangle

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



9C81C9



D07093



759851



00A088



# Sweetspot

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



9C81C9



EDE3FF



81AFC9



756F80



000000



808080



# Same Dimension

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



9C81C9



BA91FF



BF81C9



5D5A63



3D00A3



0D0024



# Inverse Universe

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



C981AE



FF91D6



8BC981



635A60



A30066

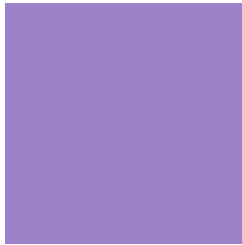


240016



# Previews

## White Background



This preview shows how the Hex color 9C81C9 looks on a white background.

## Color Contrast Check

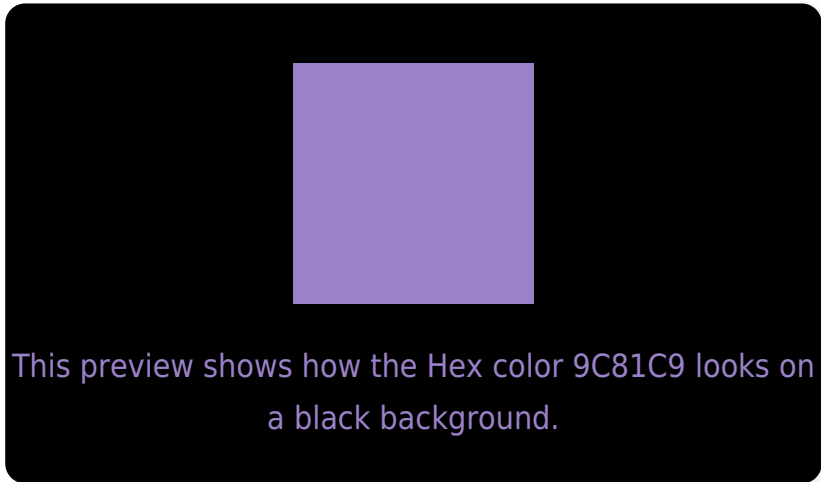
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C81C9 Background



This preview shows how black text looks on a background with the Hex color 9C81C9.

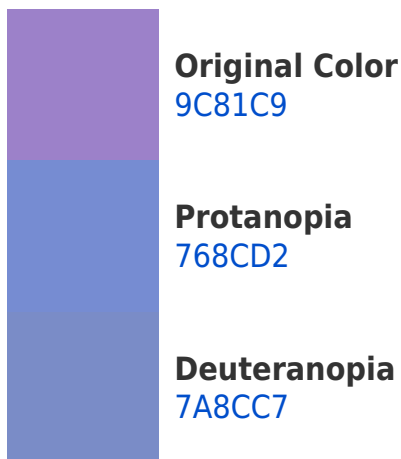


This preview shows how white text looks on a background with the Hex color 9C81C9.

# 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](#).

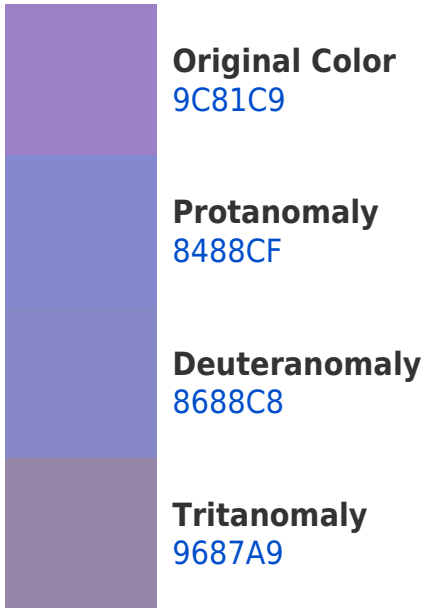
## Dichromacy



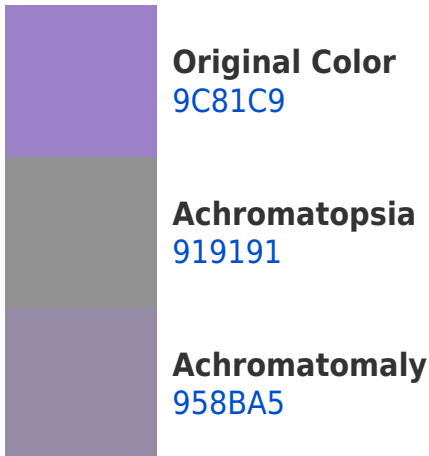


**Tritanopia**  
938B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C81C9 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 #9C81C9 looks like.

```
.text, #text, p{  
    color:#9C81C9  
}
```

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 #9C81C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C81C9
}
```

## Border

The CSS property to change the border of an element to Hex 9C81C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

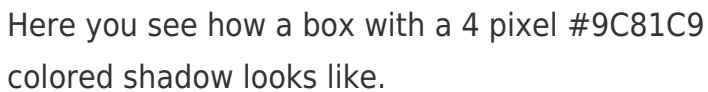
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C81C9 }
```

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

```
.border{ border-color:#9C81C9 }
```

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



Here you see how a box with a 4 pixel #9C81C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C81C9; -webkit-box-shadow:4px 4px  
4px 4px #9C81C9; box-shadow:4px 4px 4px  
4px #9C81C9 }
```

# Background

The CSS property to change the background color of an element to Hex 9C81C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C81C9 }
```

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

```
.background{ background-color:#9C81C9 }
```

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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