

# Converting Colors

Hex(9198CA)

Have a look what the booklet for  
Hex(9198CA) contains.

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# **Color**

**Hex(9198CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9198CA
RGB	145, 152, 202
RGB Percent	57%, 60%, 79%
CMY	0.4314, 0.4039, 0.2078
CMYK	0.28, 0.25, 0.00, 0.21
HSL	233°, 35%, 68%
HSV	233°, 28%, 79%
XYZ	33.5660, 32.7405, 60.4275
YIQ	155.6070, -20.2220, 14.0660

# Conversions

## Conversions Part 2

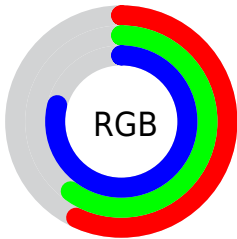
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 151, 202
Decimal	9541834
CIE <sub>Lab</sub>	63.95, 8.81, -26.51
CIE <sub>LCh</sub>	64, 27.936, 288.375
Yxy	32.7405, 0.2649, 0.2583
Android (android.graphics.Color)	4287731914 (0xFF9198CA)
YUV	155.6070, 22.8717, -9.3023
Hunter-Lab	57.2193, 4.5778, -22.5608

# Details

The Hex color **9198CA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CAC391**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C8CEFF**, and **5D6594** is the 20% darker color. If you saturate the color by 10%, you get **7D86CA**, and if you desaturate by 10%, it is **A5AACA**.

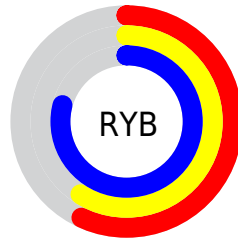
# Distribution



Red (57%)

Green (60%)

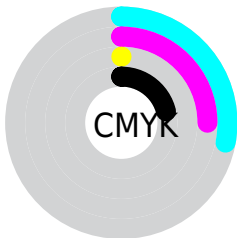
Blue (79%)



Red (57%)

Yellow (59%)

Blue (79%)

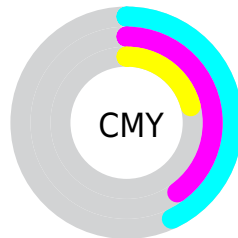


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (21%)



Cyan (43%)

Magenta (40%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9198CA 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 9198CA by changing the saturation by 10% instead.



■ 9198CA

■ 9198CA

FFFFFF

■ 777EAF

■ C8CEFF

■ 5D6594

■ E4EAFB

■ 444D7A

■ 2B3761

■ 112249

■ 000B32

■ 00021D

■ 000000

■ 9198CA

■ 9198CA

7D86CA

A5AACA

6975CA

B9BBCA

5463CA

CECDCA

4051CA

E2DFCA

2C3FCA

F6F1CA

182ECA

FFFFCA

041CCA

0019CA

# Harmonies

## Analogous

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



6CA0CB



9198CA



B18FBC

# Triad

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



9198CA



C78E77



64A890

# Complementary

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



9198CA



CAC391

# 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.



80A579



9198CA



B5966A

# Square

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



9198CA



CD898C



9D9E6B



4EA9AA

# Rectangle

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



9198CA



C08BAE



9D9E6B



6DA788



# Sweetspot

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



9198CA



EBEDFF



91CAC2



737480



000000



808080



# Same Dimension

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



9198CA



A8B3FF



A691CA



5C5D66



0014A6



000526



# Inverse Universe

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



CA9198



FFA8B3



B5CA91



665C5D



A60014

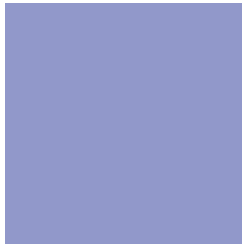


260005



# Previews

## White Background



This preview shows how the Hex color 9198CA looks on a white background.

## Color Contrast Check

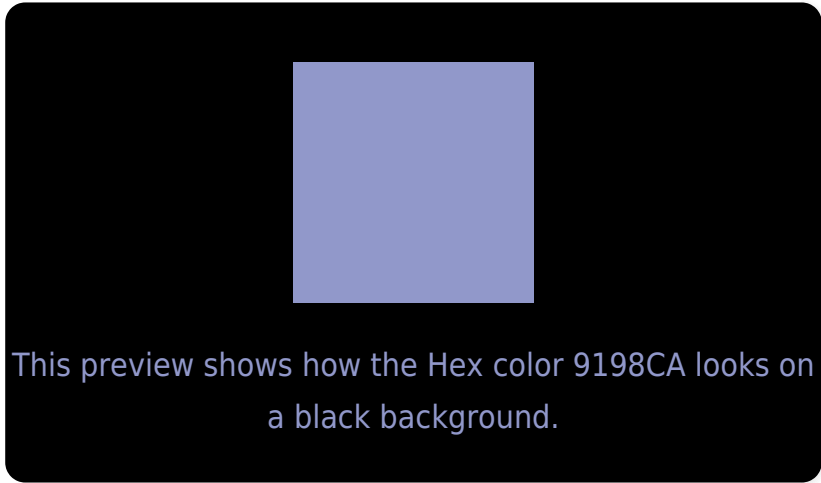
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

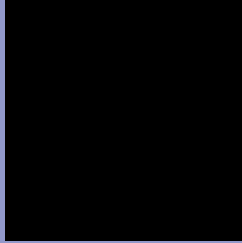
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9198CA Background



This preview shows how black text looks on a background with the Hex color 9198CA.



This preview shows how white text looks on a background with the Hex color 9198CA.

# 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**  
9198CA

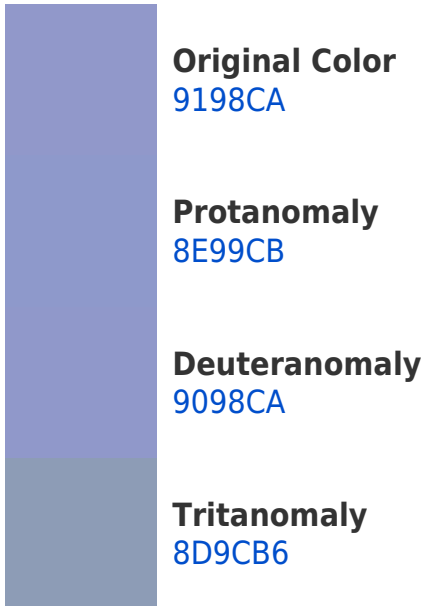
**Protanopia**  
8D99CB

**Deuteranopia**  
9098CA

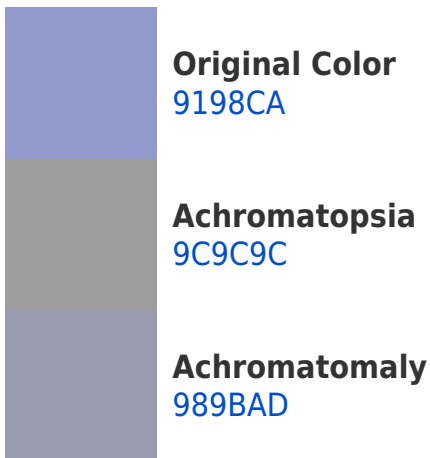


**Tritanopia**  
8A9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9198CA 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 #9198CA looks like.

```
.text, #text, p{  
    color:#9198CA  
}
```

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 #9198CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9198CA
}
```

## Border

The CSS property to change the border of an element to Hex 9198CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

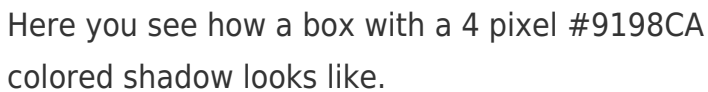
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9198CA }
```

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

```
.border{ border-color:#9198CA }
```

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



Here you see how a box with a 4 pixel #9198CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9198CA; -webkit-box-shadow:4px 4px  
4px 4px #9198CA; box-shadow:4px 4px 4px  
4px #9198CA }
```

# Background

The CSS property to change the background color of an element to Hex 9198CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9198CA }
```

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

```
.background{ background-color:#9198CA }
```

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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