

# Converting Colors

Hex(9A98C9)

Have a look what the booklet for  
Hex(9A98C9) contains.

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# **Color**

**Hex(9A98C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A98C9
RGB	154, 152, 201
RGB Percent	60%, 60%, 79%
CMY	0.3961, 0.4039, 0.2118
CMYK	0.23, 0.24, 0.00, 0.21
HSL	242°, 31%, 69%
HSV	242°, 24%, 79%
XYZ	35.0973, 33.5435, 59.8831
YIQ	158.1840, -14.5370, 15.6630

# Conversions

## Conversions Part 2

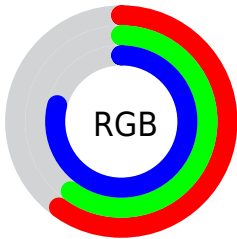
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">154, 152, 201</a>
Decimal	<a href="#">10131657</a>
CIELab	<a href="#">64.60, 11.31, -24.90</a>
CIElCh	<a href="#">65, 27.346, 294.422</a>
Yxy	<a href="#">33.5435, 0.2731, 0.2610</a>
Android (android.graphics.Color)	<a href="#">4288321737 (0xFF9A98C9)</a>
YUV	<a href="#">158.1840, 21.1083, -3.6694</a>
Hunter-Lab	<a href="#">57.9168, 6.8157, -20.7611</a>

# Details

The Hex color **9A98C9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C7C998**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D1CEFF**, and **666593** is the 20% darker color. If you saturate the color by 10%, you get **8784C9**, and if you desaturate by 10%, it is **ADACC9**.

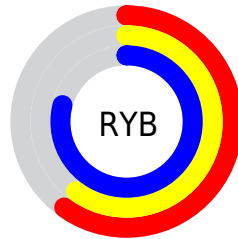
# Distribution



Red (60%)

Green (60%)

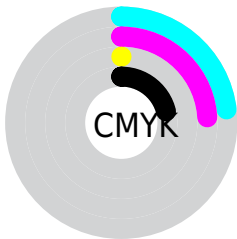
Blue (79%)



Red (60%)

Yellow (60%)

Blue (79%)

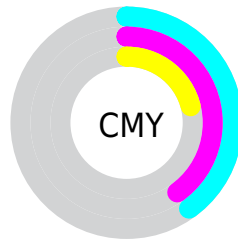


Cyan (23%)

Magenta (24%)

Yellow (0%)

Black (21%)



Cyan (40%)

Magenta (40%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A98C9 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 9A98C9 by changing the saturation by 10% instead.



■ 9A98C9

■ 9A98C9

FFFFFF

■ 807EAE

■ D1CEFF

■ 666593

■ EEEAFF

■ 4D4D79

■ 353760

■ 1D2148

■ 060B31

■ 00011C

■ 000000

■ 9A98C9

■ 9A98C9

8784C9

ADACC9

7370C9

C1C0C9

605CC9

D4D4C9

4D48C9

E7E8C9

3A34C9

FAFDC9

261FC9

FFFFC9

130BC9

0800C9

# Harmonies

## Analogous

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



76A0CD



9A98C9



B890B9

# Triad

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



9A98C9



C59176



62AA97

# Complementary

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



9A98C9



C7C998

# 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.



7DA780



9A98C9



B29A6C

# Square

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



9A98C9



CE8C8A



99A170



50AAB0

# Rectangle

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



9A98C9



C58CAA



99A170



6AA98F



# Sweetspot

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



9A98C9



EEEDFF



98C7C9



767580



000000



808080



# Same Dimension

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



9A98C9



B8B5FF



B298C9



5A5A63



0700A3



010024



# Inverse Universe

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



C998C7



FFB5FC



AFC998



635A63



A3009D

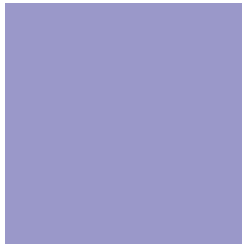


240022



# Previews

## White Background



This preview shows how the Hex color 9A98C9 looks on a white background.

## Color Contrast Check

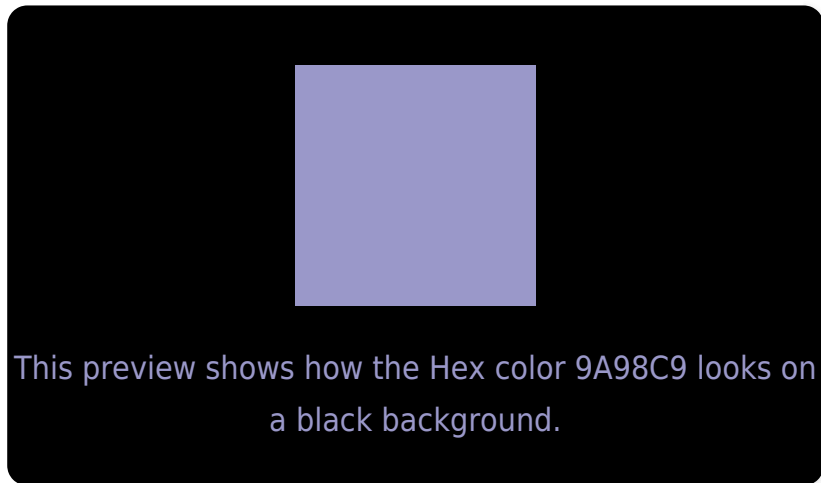
Large Text (above 18pt) WCAG AA × Fail

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

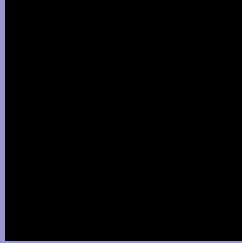
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9A98C9 Background



This preview shows how black text looks on a background with the Hex color 9A98C9.



This preview shows how white text looks on a background with the Hex color 9A98C9.

# 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**  
9A98C9

**Protanopia**  
909BCB

**Deuteranopia**  
959AC9



# Trichromacy



**Original Color**  
9A98C9

**Protanomaly**  
949ACA

**Deuteranomaly**  
9799C9

**Tritanomaly**  
969CB5

# Monochromacy



**Original Color**  
9A98C9

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9D9CAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A98C9 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 #9A98C9 looks like.

```
.text, #text, p{  
    color:#9A98C9  
}
```

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 #9A98C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A98C9
}
```

## Border

The CSS property to change the border of an element to Hex 9A98C9 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
#9A98C9 }
```

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

```
.border{ border-color:#9A98C9 }
```

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

Here you see how a box with a 4 pixel #9A98C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A98C9; -webkit-box-shadow:4px 4px  
4px 4px #9A98C9; box-shadow:4px 4px 4px  
4px #9A98C9 }
```

# Background

The CSS property to change the background color of an element to Hex 9A98C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A98C9 }
```

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

```
.background{ background-color:#9A98C9 }
```

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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