

Converting Colors

Hex(9A98CD)

Have a look what the booklet for
Hex(9A98CD) contains.

Hex(9A98CD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9A98CD)

Conversions

Conversions Part 1

Format	Color
Hex	9A98CD
RGB	154, 152, 205
RGB Percent	60%, 60%, 80%
CMY	0.3961, 0.4039, 0.1961
CMYK	0.25, 0.26, 0.00, 0.20
HSL	242°, 35%, 70%
HSV	242°, 26%, 80%
XYZ	35.5741, 33.7343, 62.3940
YIQ	158.6400, -15.8210, 16.9070

Conversions

Conversions Part 2

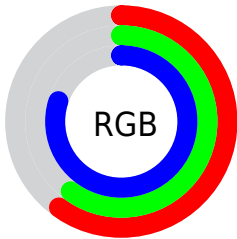
Format	Color
RYB	154, 152, 205
Decimal	10131661
CIELab	64.75, 12.27, -26.89
CIELCh	65, 29.560, 294.517
Yxy	33.7343, 0.2701, 0.2561
Android (android.graphics.Color)	4288321741 (0xFF9A98CD)
YUV	158.6400, 22.8555, -4.0693
Hunter-Lab	58.0812, 7.6872, -23.0357

Details

The Hex color **9A98CD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CBCD98**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D1CEFF**, and **666597** is the 20% darker color. If you saturate the color by 10%, you get **8684CD**, and if you desaturate by 10%, it is **AEADCD**.

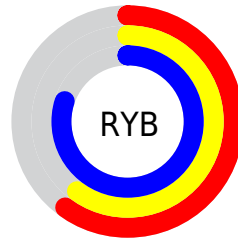
Distribution



Red (60%)

Green (60%)

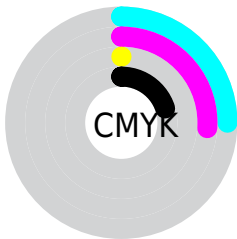
Blue (80%)



Red (60%)

Yellow (60%)

Blue (80%)

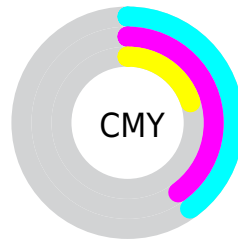


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (40%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A98CD 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 9A98CD by changing the saturation by 10% instead.

■ 9A98CD

■ 9A98CD

FFFFFF

■ 7F7EB1

■ D1CEFF

■ 666597

■ EEEAFF

■ 4D4D7D

■ 343763

■ 1C214B

■ 040C34

■ 00021F

■ 000001

■ 000000

 9A98CD

 9A98CD

 8684CD

 AEADCD

 736FCD

 C1C1CD

 5F5ACD

 D5D6CD

 4B46CD

 E9EACD

 3732CD

 FDFFCD

 241DCD

 FFFPCD

 1008CD

 0800CD

Harmonies

Analogous

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



73A1D1



9A98CD



BA8FBC

Triad

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



9A98CD



C89173



5CAB97

Complementary

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



9A98CD



CBCD98

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.



7AA87E



9A98CD



B49A69

Square

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



9A98CD



D28A88



99A26C



46ABB2

Rectangle

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



9A98CD



C98BAC



99A26C



66AB8E

Sweetspot

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



9A98CD



EBEBFF



98CBCD



737380



000000



808080

Same Dimension

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



9A98CD



B3B0FF



B498CD



5C5C66



0600A6



010026

Inverse Universe

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



CD98CB



FFB0FC



B1CD98



665C66



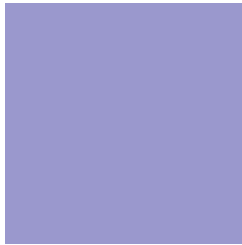
A6009F



260025

Previews

White Background



This preview shows how the Hex color 9A98CD looks on a white background.

Color Contrast Check

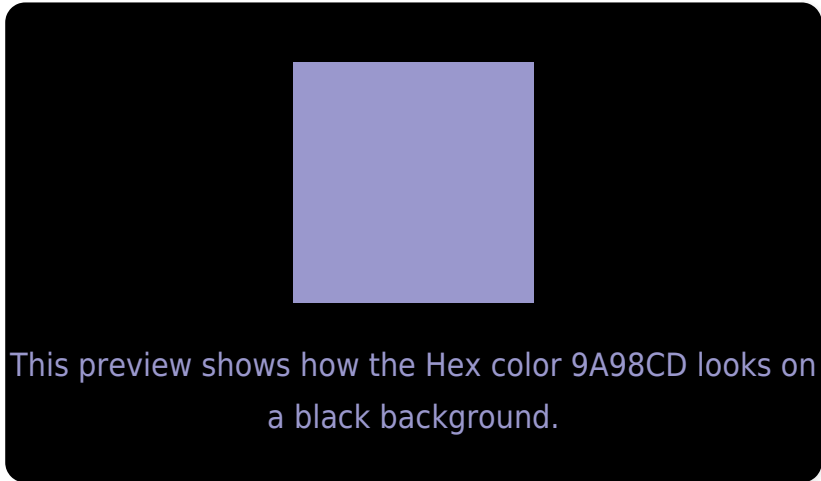
Large Text (above 18pt) WCAG AA × Fail

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

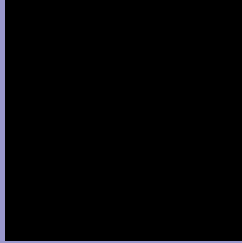
Any Text WCAG AA ✓ Pass

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 9A98CD Background



This preview shows how black text looks on a background with the Hex color 9A98CD.



This preview shows how white text looks on a background with the Hex color 9A98CD.

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](#).

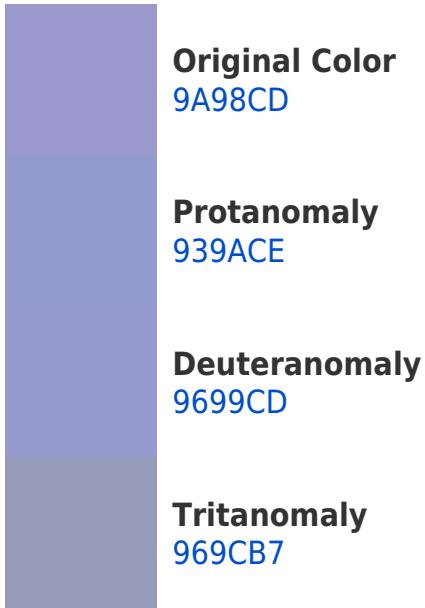
Dichromacy



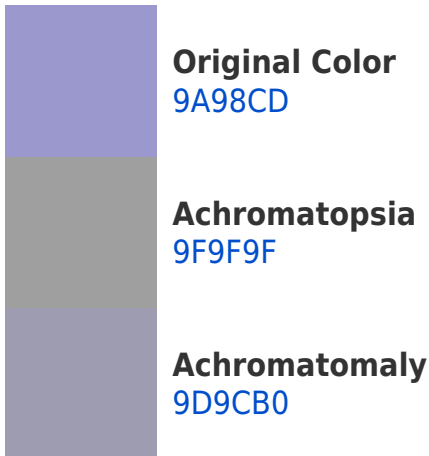


Tritanopia
939EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A98CD 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 #9A98CD looks like.

```
.text, #text, p{  
    color:#9A98CD  
}
```

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 #9A98CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A98CD
}
```

Border

The CSS property to change the border of an element to Hex 9A98CD 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
#9A98CD }
```

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

```
.border{ border-color:#9A98CD }
```

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

Here you see how a box with a 4 pixel #9A98CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A98CD; -webkit-box-shadow:4px 4px  
4px 4px #9A98CD; box-shadow:4px 4px 4px  
4px #9A98CD }
```

Background

The CSS property to change the background color of an element to Hex 9A98CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A98CD }
```

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

```
.background{ background-color:#9A98CD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor