

# Converting Colors

Hex(9A98C4)

Have a look what the booklet for  
Hex(9A98C4) contains.

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# Color

**Hex(9A98C4)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9A98C4                      |
| RGB         | 154, 152, 196               |
| RGB Percent | 60%, 60%, 77%               |
| CMY         | 0.3961, 0.4039, 0.2314      |
| CMYK        | 0.21, 0.22, 0.00, 0.23      |
| HSL         | 243°, 27%, 68%              |
| HSV         | 243°, 22%, 77%              |
| XYZ         | 34.5185, 33.3120, 56.8351   |
| YIQ         | 157.6140, -12.9320, 14.1080 |

# Conversions

## Conversions Part 2

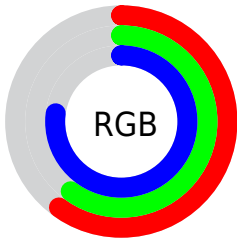
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 154, 152, 196                 |
| Decimal                             | 10131652                      |
| CIELab                              | 64.41, 10.12, -22.39          |
| CIELCh                              | 64, 24.573, 294.331           |
| Yxy                                 | 33.3120, 0.2769,<br>0.2672    |
| Android<br>(android.graphics.Color) | 4288321732<br>(0xFF9A98C4)    |
| YUV                                 | 157.6140, 18.9243,<br>-3.1695 |
| Hunter-Lab                          | 57.7166, 5.7513,<br>-17.9829  |

# Details

The Hex color **9A98C4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C2C498**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D1CEFD**, and **66658E** is the 20% darker color. If you saturate the color by 10%, you get **8784C4**, and if you desaturate by 10%, it is **ADACC4**.

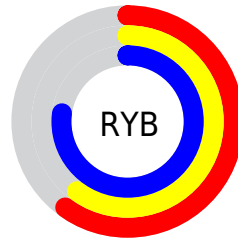
# Distribution



Red (60%)

Green (60%)

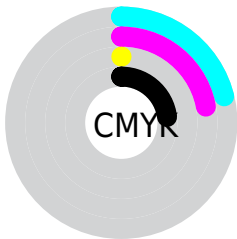
Blue (77%)



Red (60%)

Yellow (60%)

Blue (77%)

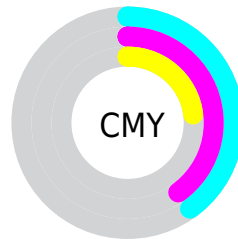


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (23%)



Cyan (40%)

Magenta (40%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A98C4 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 9A98C4 by changing the saturation by 10% instead.





9A98C4



9A98C4

FFFFFF



807EA9



D1CEFD



66658E



EDEAFF



4D4D74



36375C



1E2144



090B2E



000119



000000



9A98C4



9A98C4

8784C4

ADACC4

7571C4

BFBFC4

625DC4

D2D3C4

4F4AC4

E5E6C4

3C36C4

F8FAC4

2A22C4

FFFFC4

170FC4

0900C4

# Harmonies

## Analogous

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



7B9FC7



9A98C4



B491B6

# Triad

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



9A98C4



C19279



69A897

# Complementary

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



9A98C4



C2C498

# 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.



80A682



9A98C4



B09971

# Square

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



9A98C4



C98D8B



99A074



5BA8AD

# Rectangle

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



9A98C4



C18DA9



99A074



70A890



# Sweetspot

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



9A98C4



EEEDFF



98C3C4



767580



000000



808080



# Same Dimension

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



9A98C4



BDBAFF



AF98C4



585761



0700A1



020021



# Inverse Universe

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



C498C2



FFBAFC



ADC498



615760



A10099

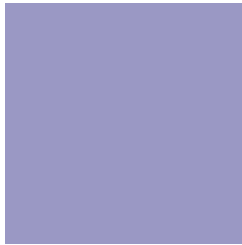


210020



# Previews

## White Background



This preview shows how the Hex color 9A98C4 looks on a white background.

## Color Contrast Check

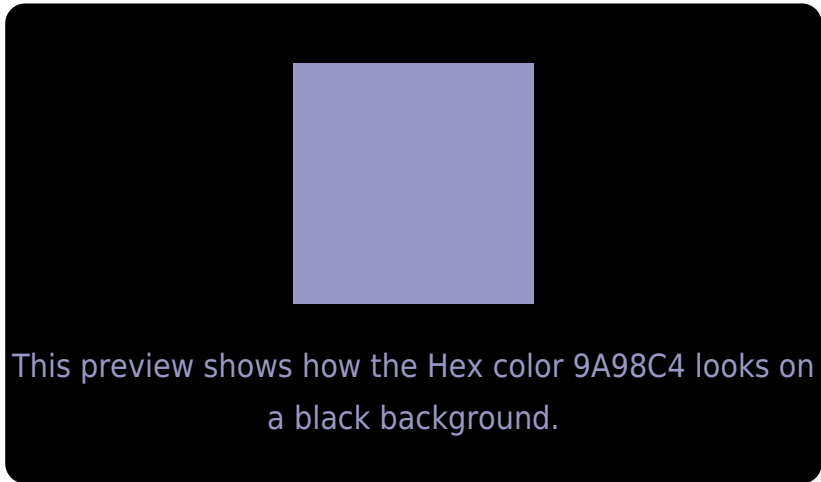
Large Text (above 18pt) WCAG AA × Fail

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

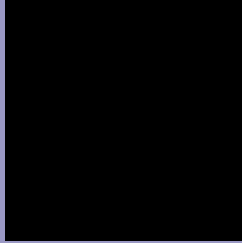
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9A98C4 Background



This preview shows how black text looks on a background with the Hex color 9A98C4.



This preview shows how white text looks on a background with the Hex color 9A98C4.

# 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**  
9A98C4

**Protanopia**  
919AC6

**Deuteranopia**  
9799C4



**Tritanopia**  
959DA9

# Trichromacy



**Original Color**  
9A98C4

**Protanomaly**  
9499C5

**Deuteranomaly**  
9899C4

**Tritanomaly**  
979BB3

# Monochromacy



**Original Color**  
9A98C4

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9D9CAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A98C4 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 #9A98C4 looks like.

```
.text, #text, p{  
    color:#9A98C4  
}
```

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 #9A98C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A98C4
}
```

## Border

The CSS property to change the border of an element to Hex 9A98C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

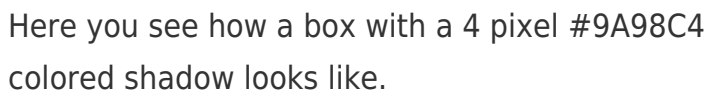
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A98C4 }
```

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

```
.border{ border-color:#9A98C4 }
```

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



Here you see how a box with a 4 pixel #9A98C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A98C4; -webkit-box-shadow:4px 4px  
4px 4px #9A98C4; box-shadow:4px 4px 4px  
4px #9A98C4 }
```

# Background

The CSS property to change the background color of an element to Hex 9A98C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A98C4 }
```

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

```
.background{ background-color:#9A98C4 }
```

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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