

# Converting Colors

Hex(9B98B8)

Have a look what the booklet for  
Hex(9B98B8) contains.

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# **Color**

**Hex(9B98B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B98B8
RGB	155, 152, 184
RGB Percent	61%, 60%, 72%
CMY	0.3922, 0.4039, 0.2784
CMYK	0.16, 0.17, 0.00, 0.28
HSL	246°, 18%, 66%
HSV	246°, 17%, 72%
XYZ	33.3975, 32.8857, 49.9347
YIQ	156.5450, -8.4840, 10.5880

# Conversions

## Conversions Part 2

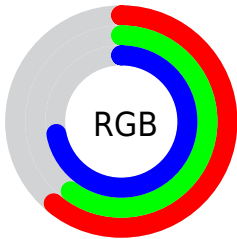
Format	Color
<a href="#">RYB</a>	<a href="#">155, 152, 184</a>
Decimal	<a href="#">10197176</a>
CIELab	<a href="#">64.07, 7.71, -16.18</a>
CIElCh	<a href="#">64, 17.925, 295.459</a>
Yxy	<a href="#">32.8857, 0.2874, 0.2830</a>
Android (android.graphics.Color)	<a href="#">4288387256 (0xFF9B98B8)</a>
YUV	<a href="#">156.5450, 13.5353, -1.3550</a>
Hunter-Lab	<a href="#">57.3461, 3.6002, -11.4852</a>

# Details

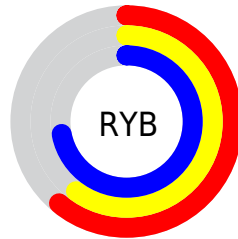
The Hex color **9B98B8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B5B898**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D2CEF0**, and **686583** is the 20% darker color. If you saturate the color by 10%, you get **8A86B8**, and if you desaturate by 10%, it is **ACAAB8**.

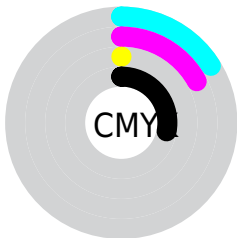
# Distribution



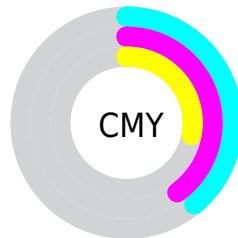
- Red (61%)
- Green (60%)
- Blue (72%)



- Red (61%)
- Yellow (60%)
- Blue (72%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (39%)
- Magenta (40%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B98B8 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 9B98B8 by changing the saturation by 10% instead.



■ 9B98B8

■ 9B98B8

FFFFFF

■ 817E9D

■ D2CEF0

■ 686583

■ EEEAFF

■ 4F4D6A

■ 383751

■ 22213A

■ 0D0B25

■ 00010E

■ 000000

■ 9B98B8

■ 9B98B8

8A86B8

ACAAB8

7A73B8

BCBDB8

6961B8

CDCFB8

584EB8

DEE2B8

483CB8

EEF4B8

372AB8

FFFFB8

2617B8

1605B8

1100B8

# Harmonies

## Analogous

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



869DBB



9B98B8



AE93AE

# Triad

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



9B98B8



B79482



77A498

# Complementary

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



9B98B8



B5B898

# 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.



87A289



9B98B8



AA997C

# Square

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



9B98B8



BD918E



999E7E



70A4A8

# Rectangle

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



9B98B8



B791A4



999E7E



7CA493



# Sweetspot

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



9B98B8



E5E4F0



98B5B8



717178



F7F7F7



787878



# Same Dimension

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



9B98B8



C2BDF0



AB98B8



53535C



0F009C



03001C



# Inverse Universe

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



B898B5



F0BDEB



A5B898



5C535B



9C008D



1C0019



# Previews

## White Background



This preview shows how the Hex color 9B98B8 looks on a white background.

## Color Contrast Check

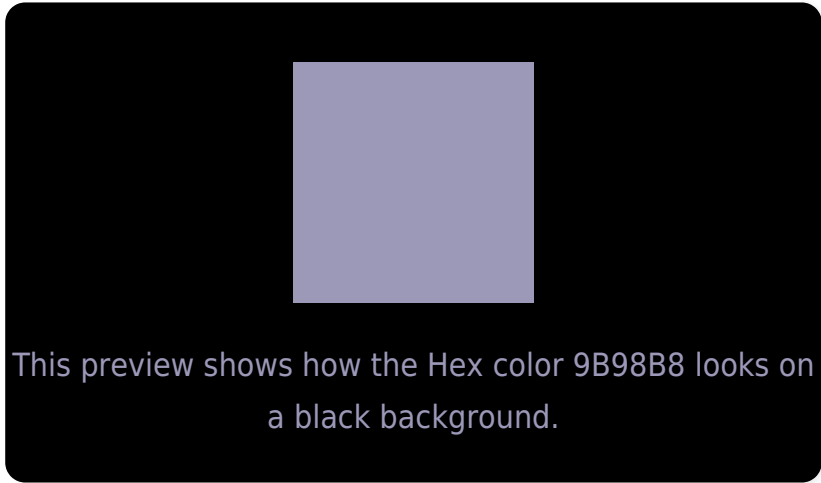
Large Text (above 18pt) WCAG AA × Fail

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

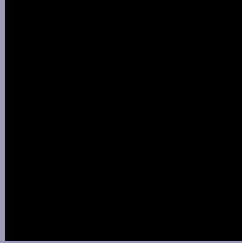
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9B98B8 Background



This preview shows how black text looks on a background with the Hex color 9B98B8.



This preview shows how white text looks on a background with the Hex color 9B98B8.

# 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**  
9B98B8

**Protanopia**  
959AB9

**Deuteranopia**  
9C98B8



**Tritanopia**  
989BA7

# Trichromacy



**Original Color**  
9B98B8

**Protanomaly**  
9799B9

**Deuteranomaly**  
9C98B8

**Tritanomaly**  
999AAD

# Monochromacy



**Original Color**  
9B98B8

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
9C9BA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B98B8 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 #9B98B8 looks like.

```
.text, #text, p{  
    color:#9B98B8  
}
```

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 #9B98B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B98B8
}
```

## Border

The CSS property to change the border of an element to Hex 9B98B8 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
#9B98B8 }
```

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

```
.border{ border-color:#9B98B8 }
```

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

Here you see how a box with a 4 pixel #9B98B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B98B8; -webkit-box-shadow:4px 4px  
4px 4px #9B98B8; box-shadow:4px 4px 4px  
4px #9B98B8 }
```

# Background

The CSS property to change the background color of an element to Hex 9B98B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B98B8 }
```

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

```
.background{ background-color:#9B98B8 }
```

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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