

# Converting Colors

Hex(9E98B7)

Have a look what the booklet for  
Hex(9E98B7) contains.

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# **Color**

**Hex(9E98B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E98B7
RGB	158, 152, 183
RGB Percent	62%, 60%, 72%
CMY	0.3804, 0.4039, 0.2824
CMYK	0.14, 0.17, 0.00, 0.28
HSL	252°, 18%, 66%
HSV	252°, 17%, 72%
XYZ	33.8760, 33.1445, 49.4118
YIQ	157.3280, -6.3750, 10.9130

# Conversions

## Conversions Part 2

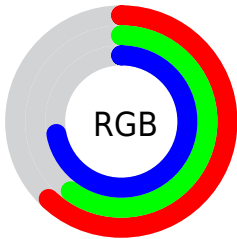
Format	Color
<a href="#">RYB</a>	<a href="#">158, 152, 183</a>
Decimal	<a href="#">10393783</a>
CIELab	<a href="#">64.28, 8.48, -15.28</a>
CIElCh	<a href="#">64, 17.478, 299.023</a>
Yxy	<a href="#">33.1445, 0.2910, 0.2847</a>
Android (android.graphics.Color)	<a href="#">4288583863</a> ( <a href="#">0xFF9E98B7</a> )
YUV	<a href="#">157.3280, 12.6563, 0.5893</a>
Hunter-Lab	<a href="#">57.5712, 4.2832, -10.5871</a>

# Details

The Hex color **9E98B7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B1B798**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D5CEEF**, and **6A6582** is the 20% darker color. If you saturate the color by 10%, you get **8F86B7**, and if you desaturate by 10%, it is **ADAAB7**.

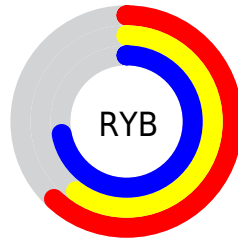
# Distribution



Red (62%)

Green (60%)

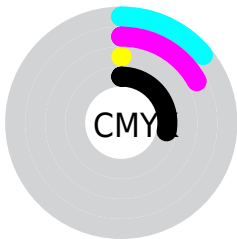
Blue (72%)



Red (62%)

Yellow (60%)

Blue (72%)

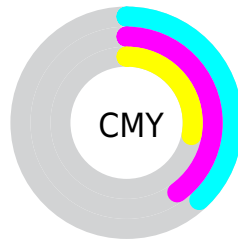


Cyan (14%)

Magenta (17%)

Yellow (0%)

Black (28%)



Cyan (38%)

Magenta (40%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E98B7 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 9E98B7 by changing the saturation by 10% instead.



■ 9E98B7

■ 9E98B7

FFFFFF

■ 847E9C

■ D5CEEF

■ 6A6582

■ F1EAFF

■ 524D69

■ 3B3651

■ 24213A

■ 110B24

■ 00010D

■ 000000

■ 9E98B7

■ 9E98B7

8F86B7

ADAAB7

8073B7

BCBDB7

7261B7

CACFB7

634FB7

D9E1B7

543DB7

E8F4B7

452AB7

F7FFB7

3718B7

FFFFB7

2806B7

2300B7

# Harmonies

## Analogous

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



899DBB



9E98B7



B093AC

# Triad

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



9E98B7



B69582



77A59B

# Complementary

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



9E98B7



B1B798

# 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.



86A38B



9E98B7



A89B7D

# Square

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



9E98B7



BC928D



979F80



72A4AA

# Rectangle

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



9E98B7



B891A2



979F80



7BA495



# Sweetspot

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



9E98B7



E4E1ED



98B1B7



727178



F7F7F7



787878



# Same Dimension

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



9E98B7



C7BEED



AD98B7



54535C



1E009C



05001C



# Inverse Universe

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



B798B1



EDBEE4



A2B798



5C535A



9C007D

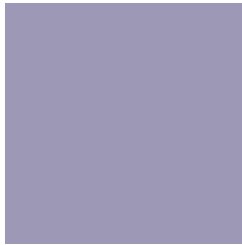


1C0017



# Previews

## White Background



This preview shows how the Hex color 9E98B7 looks on a white background.

## Color Contrast Check

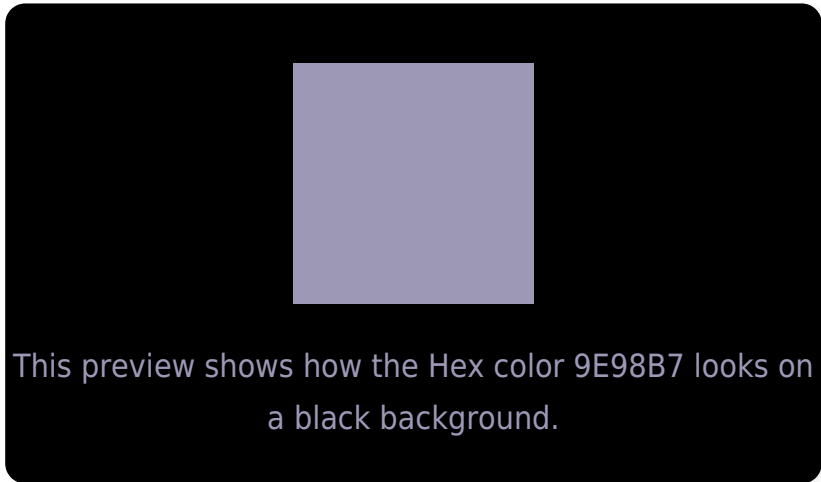
Large Text (above 18pt) WCAG AA × Fail

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

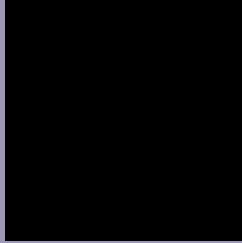
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9E98B7 Background



This preview shows how black text looks on a background with the Hex color 9E98B7.



This preview shows how white text looks on a background with the Hex color 9E98B7.

# 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**  
9E98B7

**Protanopia**  
969AB9

**Deuteranopia**  
9E98B7



**Tritanopia**  
9B9BA7

# Trichromacy



**Original Color**  
9E98B7

**Protanomaly**  
9999B8

**Deuteranomaly**  
9E98B7

**Tritanomaly**  
9C9AAD

# Monochromacy



**Original Color**  
9E98B7

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
9D9BA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E98B7 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 #9E98B7 looks like.

```
.text, #text, p{  
    color:#9E98B7  
}
```

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 #9E98B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E98B7
}
```

## Border

The CSS property to change the border of an element to Hex 9E98B7 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
#9E98B7 }
```

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

```
.border{ border-color:#9E98B7 }
```

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

Here you see how a box with a 4 pixel #9E98B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E98B7; -webkit-box-shadow:4px 4px  
4px 4px #9E98B7; box-shadow:4px 4px 4px  
4px #9E98B7 }
```

# Background

The CSS property to change the background color of an element to Hex 9E98B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E98B7 }
```

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

```
.background{ background-color:#9E98B7 }
```

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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