

# Converting Colors

Hex(9978B2)

Have a look what the booklet for  
Hex(9978B2) contains.

<b>Hex(9978B2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9978B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9978B2
RGB	153, 120, 178
RGB Percent	60%, 47%, 70%
CMY	0.4000, 0.5294, 0.3020
CMYK	0.14, 0.33, 0.00, 0.30
HSL	274°, 27%, 58%
HSV	274°, 33%, 70%
XYZ	27.8892, 23.4196, 45.1700
YIQ	136.4790, 1.0500, 25.0340

# Conversions

## Conversions Part 2

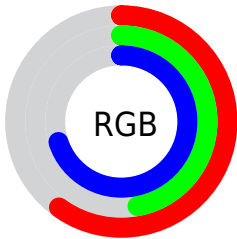
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 120, 178
Decimal	10057906
CIE <sub>Lab</sub>	55.50, 24.06, -25.88
CIE <sub>LCh</sub>	56, 35.336, 312.904
Yxy	23.4196, 0.2891, 0.2427
Android (android.graphics.Color)	4288247986 (0xFF9978B2)
YUV	136.4790, 20.4699, 14.4889
Hunter-Lab	48.3938, 18.1799, -21.4647

# Details

The Hex color **9978B2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **91B278**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D0ADEA**, and **65477D** is the 20% darker color. If you saturate the color by 10%, you get **9166B2**, and if you desaturate by 10%, it is **A18AB2**.

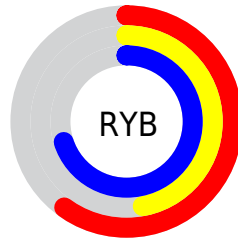
# Distribution



Red (60%)

Green (47%)

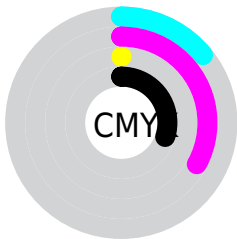
Blue (70%)



Red (60%)

Yellow (47%)

Blue (70%)

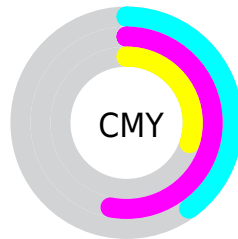


Cyan (14%)

Magenta (33%)

Yellow (0%)

Black (30%)



Cyan (40%)

Magenta (53%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9978B2 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 9978B2 by changing the saturation by 10% instead.





9978B2



9978B2

FFFFFF



7F5F97



D0ADEA



65477D



EDC8FF



4C3064



FFE4FF



341A4C



1E0435



00001F



000002



000000



9978B2



9978B2

9166B2

A18AB2

8A54B2

A89CB2

8243B2

B0ADB2

7A31B2

B8BFB2

731FB2

BFD1B2

6B0DB2

C7E3B2

6500B2

CFF5B2

D6FFB2

DEFFB2

# Harmonies

## Analogous

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



6D83C0



9978B2



B56F98

# Triad

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



9978B2



A77D4A



009592

# Complementary

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



9978B2



91B278

# 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.



409472



9978B2



8B8748

# Square

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



9978B2



BA735D



698F57



0093AE

# Rectangle

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



9978B2



BE6C83



698F57



169587



# Sweetspot

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



9978B2



DED1E8



7891B2



6F6775



F5F5F5



757575



# Same Dimension

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



9978B2



C18EE8



B278AE



555059



570099



0F001A



# Inverse Universe

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



B27891



E88EB5



78B27C



595054



990042

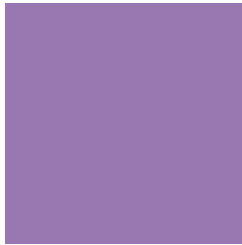


1A000B



# Previews

## White Background



This preview shows how the Hex color 9978B2 looks on a white background.

## Color Contrast Check

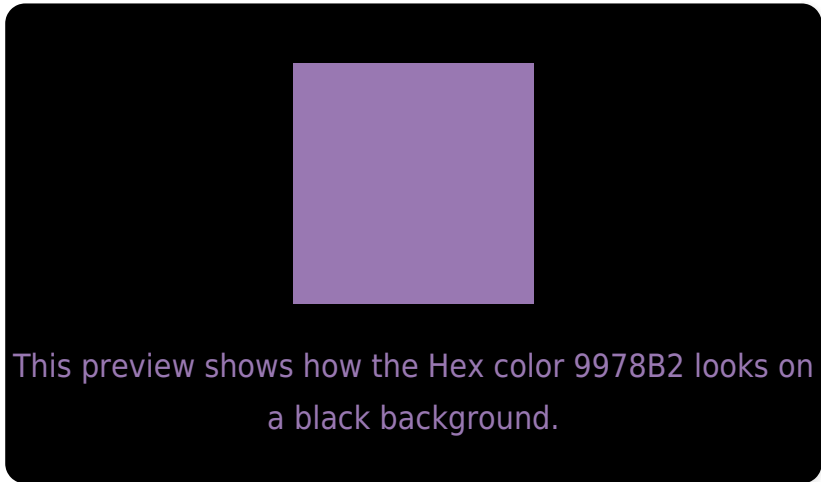
Large Text (above 18pt) WCAG AA ✓ Pass

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

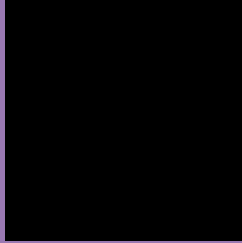
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9978B2 Background



This preview shows how black text looks on a background with the Hex color 9978B2.

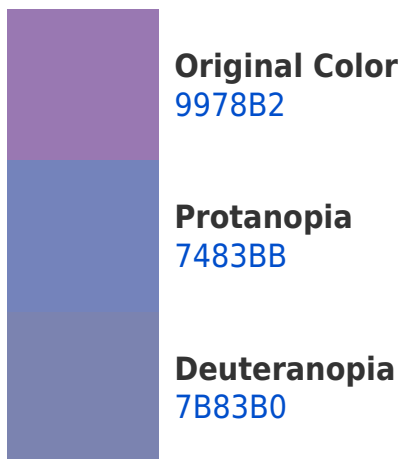


This preview shows how white text looks on a background with the Hex color 9978B2.

# 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](#).

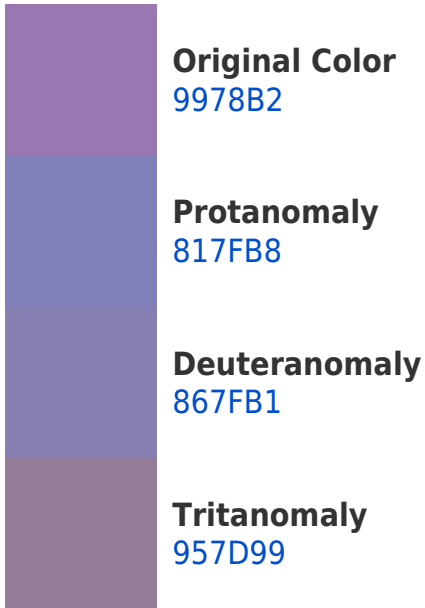
## Dichromacy



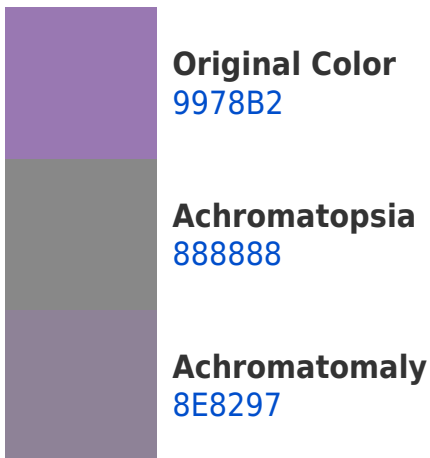


**Tritanopia**  
93808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9978B2 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 #9978B2 looks like.

```
.text, #text, p{  
    color:#9978B2  
}
```

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 #9978B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9978B2
}
```

## Border

The CSS property to change the border of an element to Hex 9978B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

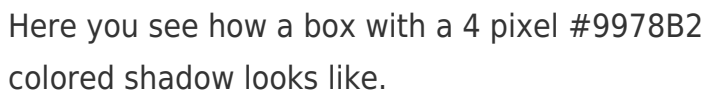
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9978B2 }
```

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

```
.border{ border-color:#9978B2 }
```

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



Here you see how a box with a 4 pixel #9978B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9978B2; -webkit-box-shadow:4px 4px  
4px 4px #9978B2; box-shadow:4px 4px 4px  
4px #9978B2 }
```

# Background

The CSS property to change the background color of an element to Hex 9978B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9978B2 }
```

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

```
.background{ background-color:#9978B2 }
```

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