

# Converting Colors

Hex(8978C8)

Have a look what the booklet for  
Hex(8978C8) contains.

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# Color

**Hex(8978C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8978C8
RGB	137, 120, 200
RGB Percent	54%, 47%, 78%
CMY	0.4627, 0.5294, 0.2157
CMYK	0.32, 0.40, 0.00, 0.22
HSL	253°, 42%, 63%
HSV	253°, 40%, 78%
XYZ	27.4583, 22.9214, 57.6206
YIQ	134.2030, -15.5480, 28.4840

# Conversions

## Conversions Part 2

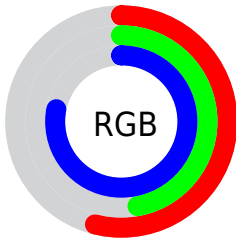
Format	Color
R <sub>Y</sub> B	137, 120, 200
Decimal	9009352
CIE Lab	54.99, 24.54, -39.37
CIE LCh	55, 46.392, 301.930
Yxy	22.9214, 0.2542, 0.2122
Android (android.graphics.Color)	4287199432 (0xFF8978C8)
YUV	134.2030, 32.4379, 2.4530
Hunter-Lab	47.8763, 18.5908, -37.8439

# Details

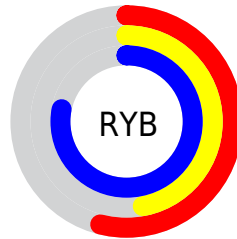
The Hex color **8978C8** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **B7C878**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C0ACFF**, and **544792** is the 20% darker color. If you saturate the color by 10%, you get **7964C8**, and if you desaturate by 10%, it is **998CC8**.

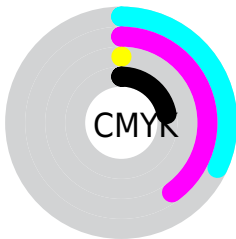
# Distribution



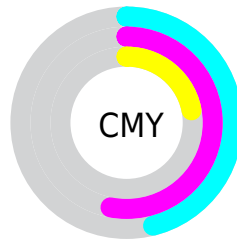
- Red (54%)
- Green (47%)
- Blue (78%)



- Red (54%)
- Yellow (47%)
- Blue (78%)



- Cyan (32%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (53%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8978C8 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 8978C8 by changing the saturation by 10% instead.



■ 8978C8

■ 8978C8

FFFFFF

■ 6E5FAC

■ C0ACFF

■ 544792

■ DDC8FF

■ 3A3178

■ FAE4FF

■ 1F1B5E

■ 000546

■ 00012F

■ 000119

■ 000000

■ 8978C8

■ 8978C8

 7964C8

 998CC8

 6A50C8

 A9A0C8

 5A3CC8

 B8B4C8

 4A28C8

 C8C8C8

 3A14C8

 D8DCC8

 2B00C8

 E8F0C8

 F7FFC8

 FFFFC8

# Harmonies

## Analogous

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



3787D4



8978C8



B768AA

# Triad

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



8978C8



B8743D



009885

# Complementary

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



8978C8



B7C878

# 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.



36955C



8978C8



98822F

# Square

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



8978C8



CB665B



6F8E3C



0097AD

# Rectangle

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



8978C8



C86290



6F8E3C



009777



# Sweetspot

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



8978C8



E7E0FF



78B8C8



716E80



000000



808080



# Same Dimension

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



8978C8



9F85FF



B078C8



5C5A63



2300A3



080024



# Inverse Universe

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



C878B7



FF85E5



90C878



635A61



A30081

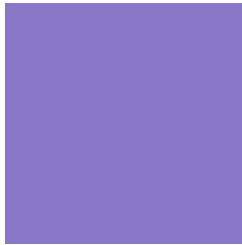


24001C



# Previews

## White Background



This preview shows how the Hex color 8978C8 looks on a white background.

## Color Contrast Check

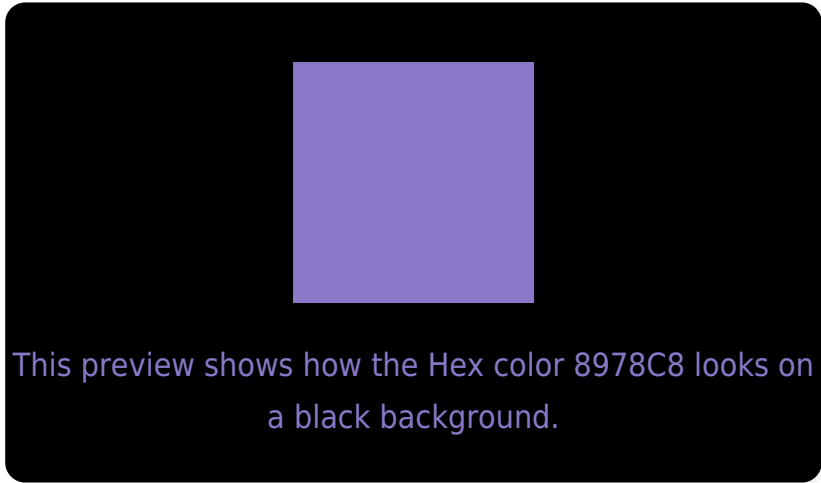
Large Text (above 18pt) WCAG AA ✓ Pass

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 8978C8 Background



This preview shows how black text looks on a background with the Hex color 8978C8.

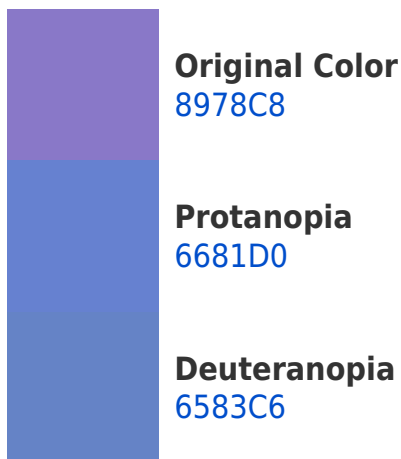


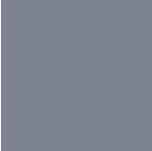
This preview shows how white text looks on a background with the Hex color 8978C8.

# 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](#).

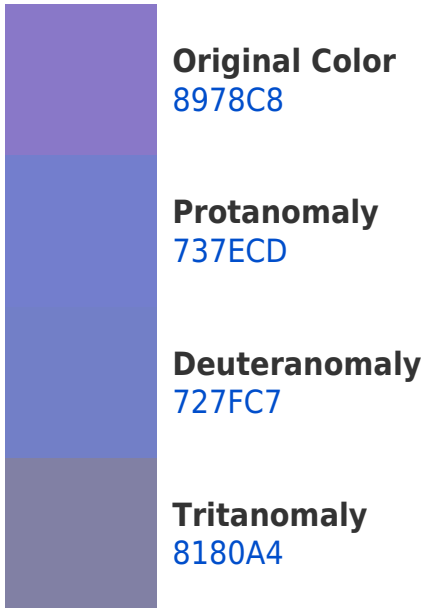
## Dichromacy



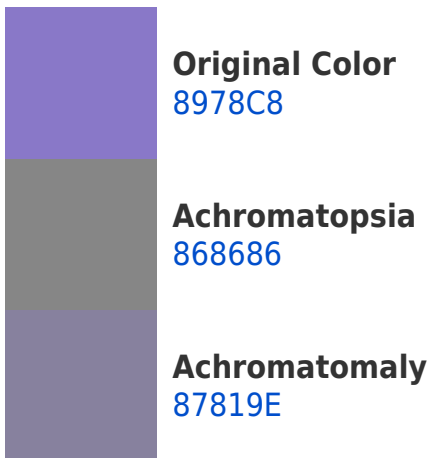


**Tritanopia**  
7D848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8978C8 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 #8978C8 looks like.

```
.text, #text, p{  
    color:#8978C8  
}
```

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 #8978C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8978C8  
}
```

## Border

The CSS property to change the border of an element to Hex 8978C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

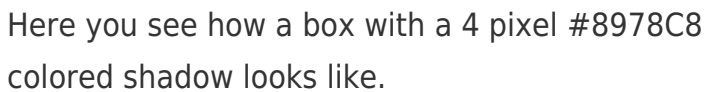
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8978C8 }
```

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

```
.border{ border-color:#8978C8 }
```

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



Here you see how a box with a 4 pixel #8978C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8978C8; -webkit-box-shadow:4px 4px  
4px 4px #8978C8; box-shadow:4px 4px 4px  
4px #8978C8 }
```

# Background

The CSS property to change the background color of an element to Hex 8978C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8978C8 }
```

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

```
.background{ background-color:#8978C8 }
```

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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