

# Converting Colors

Hex(9787C7)

Have a look what the booklet for  
Hex(9787C7) contains.

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# **Color**

**Hex(9787C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9787C7
RGB	151, 135, 199
RGB Percent	59%, 53%, 78%
CMY	0.4078, 0.4706, 0.2196
CMYK	0.24, 0.32, 0.00, 0.22
HSL	255°, 36%, 65%
HSV	255°, 32%, 78%
XYZ	31.7353, 28.0308, 57.7707
YIQ	147.0800, -11.0080, 23.2960

# Conversions

## Conversions Part 2

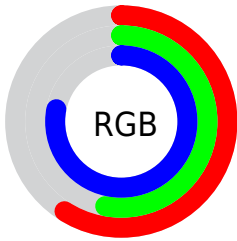
Format	Color
<a href="#">RYB</a>	<a href="#">151, 135, 199</a>
Decimal	<a href="#">9930695</a>
CIELab	<a href="#">59.92, 19.65, -31.02</a>
CIELCh	<a href="#">60, 36.720, 302.348</a>
Yxy	<a href="#">28.0308, 0.2700, 0.2385</a>
Android (android.graphics.Color)	<a href="#">4288120775</a> ( <a href="#">0xFF9787C7</a> )
YUV	<a href="#">147.0800, 25.5966, 3.4378</a>
Hunter-Lab	<a href="#">52.9441, 14.3427, -27.6342</a>

# Details

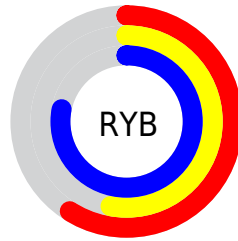
The Hex color **9787C7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B7C787**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CEBCFF**, and **635591** is the 20% darker color. If you saturate the color by 10%, you get **8873C7**, and if you desaturate by 10%, it is **A69BC7**.

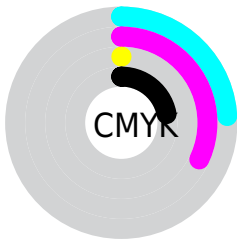
# Distribution



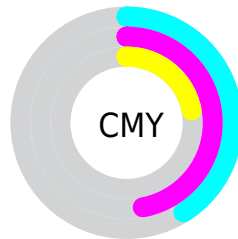
- Red (59%)
- Green (53%)
- Blue (78%)



- Red (59%)
- Yellow (53%)
- Blue (78%)



- Cyan (24%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (47%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9787C7 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 9787C7 by changing the saturation by 10% instead.



 9787C7

 9787C7

FFFFFF

 7C6EAC


 CEBCFF

 635591

 EBD8FF

 4A3E77

 FFF5FF

 31285E

 181346

 060030

 00011A

 000000

 9787C7

 9787C7

8873C7

A69BC7

795FC7

B5AFC7

6A4BC7

C4C3C7

5B37C7

D3D7C7

4C24C7

E2EBC7

3D10C7

F1FEC7

3200C7

FFFFC7

# Harmonies

## Analogous

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



6393D1



9787C7



BB7CAF

# Triad

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



9787C7



BD8458



22A192

# Complementary

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



9787C7



B7C787

# 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.



599F71



9787C7



A38F4F

# Square

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



9787C7



CD7A6F



819958



00A0B2

# Rectangle

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



9787C7



C9779A



819958



38A187



# Sweetspot

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



9787C7



ECE6FF



87B7C7



747080



000000



808080



# Same Dimension

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



9787C7



B49CFF



B787C7



5C5A63



2900A3



090024



# Inverse Universe

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



C787B7



FF9CE6



97C787



635A61



A3007A



24001B



# Previews

## White Background



This preview shows how the Hex color 9787C7 looks on a white background.

## Color Contrast Check

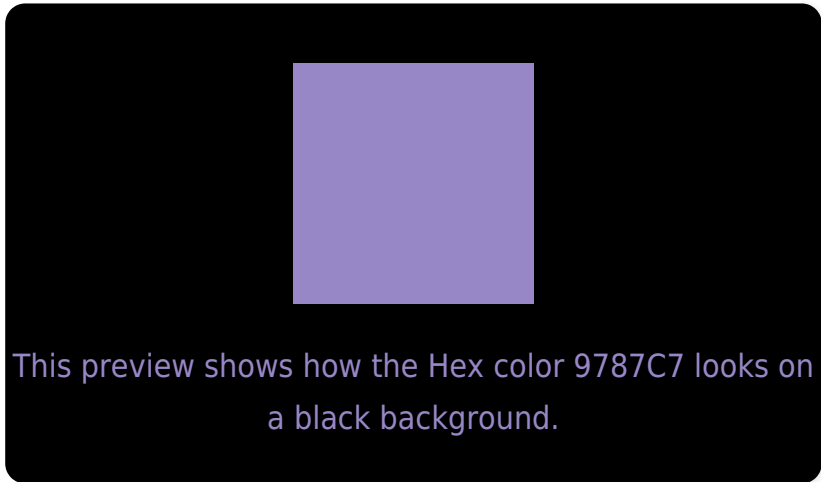
Large Text (above 18pt) WCAG AA ✓ Pass

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 9787C7 Background



This preview shows how black text looks on a background with the Hex color 9787C7.

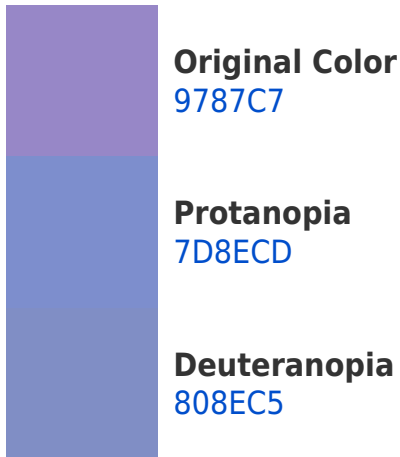


This preview shows how white text looks on a background with the Hex color 9787C7.

# 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](#).

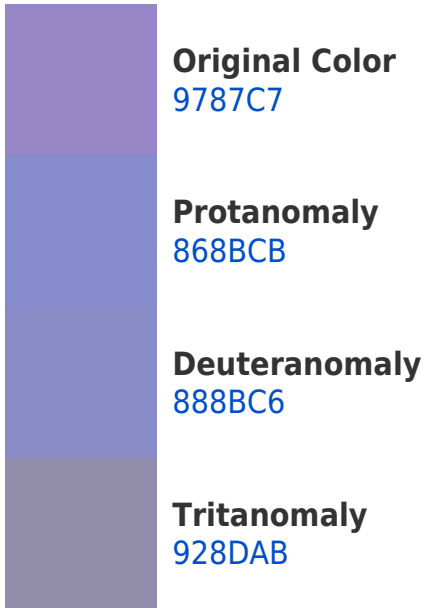
## Dichromacy



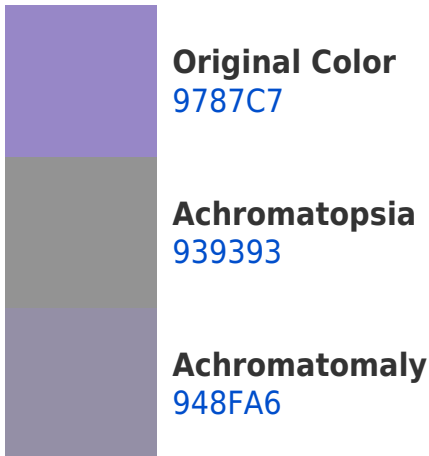


**Tritanopia**  
8F909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9787C7 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 #9787C7 looks like.

```
.text, #text, p{  
  color:#9787C7  
}
```

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 #9787C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9787C7
}
```

## Border

The CSS property to change the border of an element to Hex 9787C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

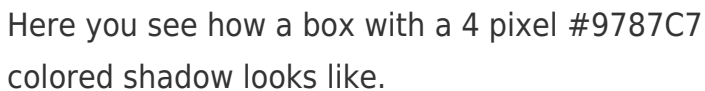
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9787C7 }
```

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

```
.border{ border-color:#9787C7 }
```

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



Here you see how a box with a 4 pixel #9787C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9787C7; -webkit-box-shadow:4px 4px  
4px 4px #9787C7; box-shadow:4px 4px 4px  
4px #9787C7 }
```

# Background

The CSS property to change the background color of an element to Hex 9787C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9787C7 }
```

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

```
.background{ background-color:#9787C7 }
```

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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