

# Converting Colors

Hex(9787C9)

Have a look what the booklet for  
Hex(9787C9) contains.

<b>Hex(9787C9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9787C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9787C9
RGB	151, 135, 201
RGB Percent	59%, 53%, 79%
CMY	0.4078, 0.4706, 0.2118
CMYK	0.25, 0.33, 0.00, 0.21
HSL	255°, 38%, 66%
HSV	255°, 33%, 79%
XYZ	31.9691, 28.1243, 59.0019
YIQ	147.3080, -11.6500, 23.9180

# Conversions

## Conversions Part 2

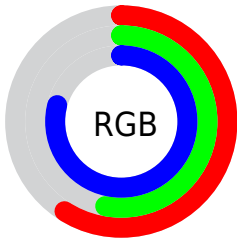
Format	Color
<a href="#">RYB</a>	<a href="#">151, 135, 201</a>
Decimal	<a href="#">9930697</a>
CIELab	<a href="#">60.00, 20.13, -32.02</a>
CIELCh	<a href="#">60, 37.822, 302.162</a>
Yxy	<a href="#">28.1243, 0.2684, 0.2361</a>
Android (android.graphics.Color)	<a href="#">4288120777 (0xFF9787C9)</a>
YUV	<a href="#">147.3080, 26.4702, 3.2379</a>
Hunter-Lab	<a href="#">53.0323, 14.7972, -28.8413</a>

# Details

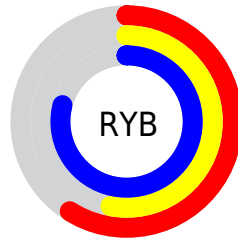
The Hex color **9787C9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9C987**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CEBCFF**, and **635593** is the 20% darker color. If you saturate the color by 10%, you get **8873C9**, and if you desaturate by 10%, it is **A69BC9**.

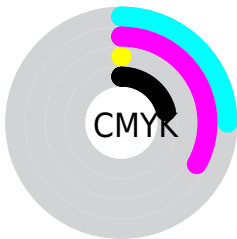
# Distribution



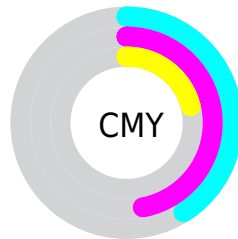
- Red (59%)
- Green (53%)
- Blue (79%)



- Red (59%)
- Yellow (53%)
- Blue (79%)



- Cyan (25%)
- Magenta (33%)
- Yellow (0%)
- Black (21%)



- Cyan (41%)
- Magenta (47%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9787C9 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 9787C9 by changing the saturation by 10% instead.



■ 9787C9

■ 9787C9

FFFFFF

■ 7C6EAD

■ CEBCFF

■ 635593

■ EBD8FF

■ 493E79

■ FFF5FF

■ 312860

■ 171348

■ 050031

■ 00011B

■ 000000

■ 9787C9

■ 9787C9

8873C9

A69BC9

795FC9

B5AFC9

694BC9

C5C3C9

5A37C9

D4D7C9

4B23C9

E3ECC9

3C0EC9

F2FFC9

3100C9

FFFFC9

# Harmonies

## Analogous

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



6193D3



9787C9



BC7BB0

# Triad

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



9787C9



BF8456



19A292

# Complementary

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



9787C9



B9C987

# 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.



579F70



9787C9



A38F4D

# Square

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



9787C9



CF796F



819957



00A1B3

# Rectangle

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



9787C9



CB779B



819957



34A286



# Sweetspot

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



9787C9



ECE6FF



87BAC9



747080



000000



808080



# Same Dimension

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



9787C9



B49CFF



B787C9



5C5A63



2800A3



090024



# Inverse Universe

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



C987B9



FF9CE7



99C987



635A61



A3007C

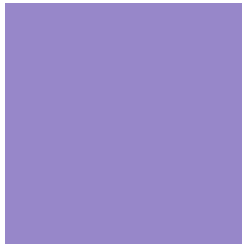


24001B



# Previews

## White Background



This preview shows how the Hex color 9787C9 looks on a white background.

## Color Contrast Check

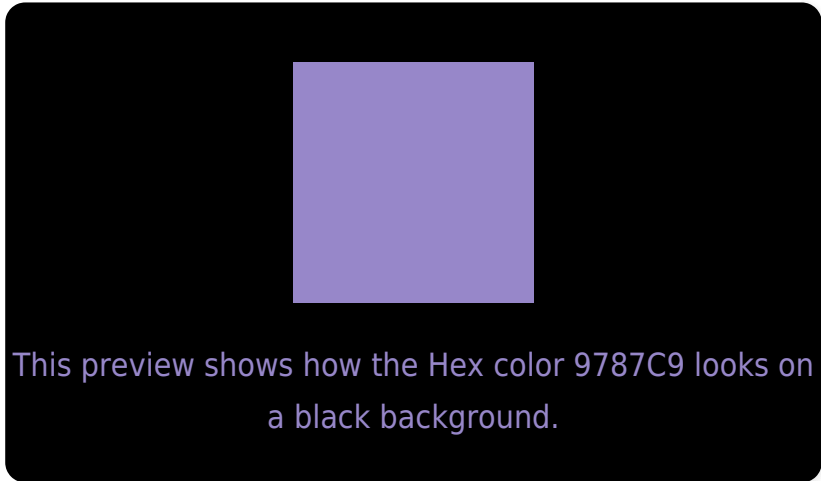
Large Text (above 18pt) WCAG AA ✓ Pass

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 9787C9 Background



This preview shows how black text looks on a background with the Hex color 9787C9.



This preview shows how white text looks on a background with the Hex color 9787C9.

# 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](#).

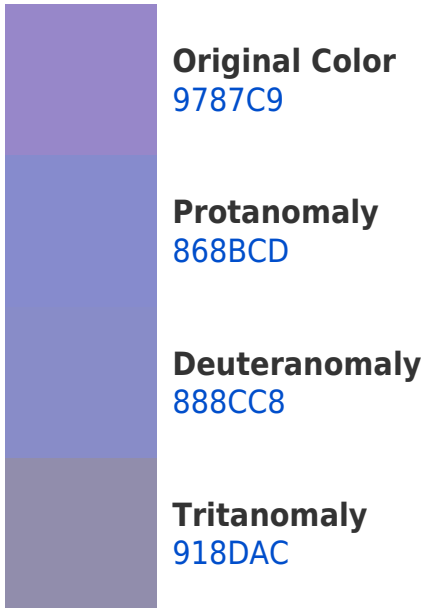
## Dichromacy



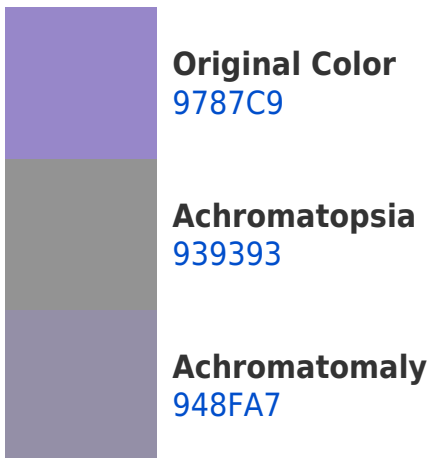


**Tritanopia**  
8E909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9787C9 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 #9787C9 looks like.

```
.text, #text, p{  
    color:#9787C9  
}
```

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 #9787C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9787C9
}
```

## Border

The CSS property to change the border of an element to Hex 9787C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

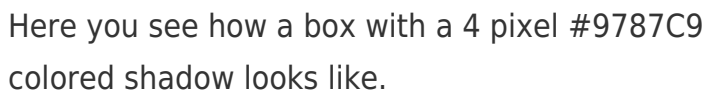
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9787C9 }
```

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

```
.border{ border-color:#9787C9 }
```

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



Here you see how a box with a 4 pixel #9787C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9787C9; -webkit-box-shadow:4px 4px  
4px 4px #9787C9; box-shadow:4px 4px 4px  
4px #9787C9 }
```

# Background

The CSS property to change the background color of an element to Hex 9787C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9787C9 }
```

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

```
.background{ background-color:#9787C9 }
```

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