

# Converting Colors

Hex(9784CB)

Have a look what the booklet for  
Hex(9784CB) contains.

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# **Color**

**Hex(9784CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9784CB
RGB	151, 132, 203
RGB Percent	59%, 52%, 80%
CMY	0.4078, 0.4824, 0.2039
CMYK	0.26, 0.35, 0.00, 0.20
HSL	256°, 41%, 66%
HSV	256°, 35%, 80%
XYZ	31.7933, 27.3936, 60.1117
YIQ	145.7750, -11.4670, 26.1090

# Conversions

## Conversions Part 2

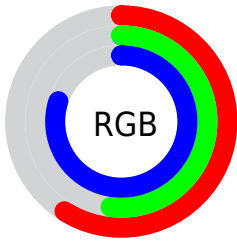
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 132, 203
Decimal	9929931
CIE <sub>Lab</sub>	59.34, 22.36, -34.18
CIE <sub>LCh</sub>	59, 40.841, 303.189
Yxy	27.3936, 0.2665, 0.2296
Android (android.graphics.Color)	4288120011 (0xFF9784CB)
YUV	145.7750, 28.2119, 4.5823
Hunter-Lab	52.3389, 16.8366, -31.4578

# Details

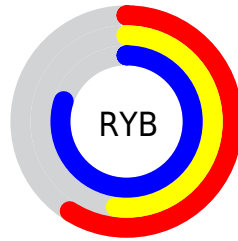
The Hex color **9784CB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B8CB84**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CEB9FF**, and **625295** is the 20% darker color. If you saturate the color by 10%, you get **8870CB**, and if you desaturate by 10%, it is **A698CB**.

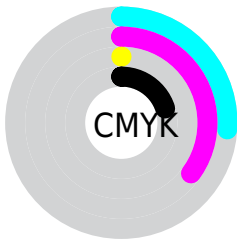
# Distribution



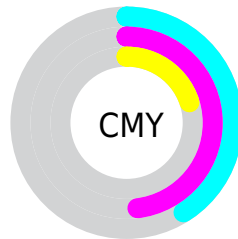
- Red (59%)
- Green (52%)
- Blue (80%)



- Red (59%)
- Yellow (52%)
- Blue (80%)



- Cyan (26%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (41%)
- Magenta (48%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9784CB 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 9784CB by changing the saturation by 10% instead.



9784CB

9784CB

FFFFFF

7C6BAF

CEB9FF

625295

EBD5FF

493B7A

FFF1FF

302561

161149

010032

00021C

000000

9784CB

9784CB

8870CB

A698CB

795BCB

B5ADCB

6A47CB

C4C1CB

5C33CB

D2D5CB

4D1FCB

E1EACB

3E0ACB

F0FECB

3600CB

FFFFCB

# Harmonies

## Analogous

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



5A91D6



9784CB



BF77B0

# Triad

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



9784CB



BF814F



00A192

# Complementary

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



9784CB



B8CB84

# 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.



4E9F6D



9784CB



A18E45

# Square

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



9784CB



D07669



7C9851



00A0B5

# Rectangle

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



9784CB



CE7299



7C9851



1CA185



# Sweetspot

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



9784CB



ECE6FF



84B8CB



747080



000000



808080



# Same Dimension

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



9784CB



B194FF



BA84CB



5F5C66



2C00A6



0A0026



# Inverse Universe

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



CB84B8



FF94E2



95CB84



665C63



A60079

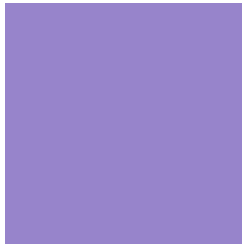


26001C



# Previews

## White Background



This preview shows how the Hex color 9784CB looks on a white background.

## Color Contrast Check

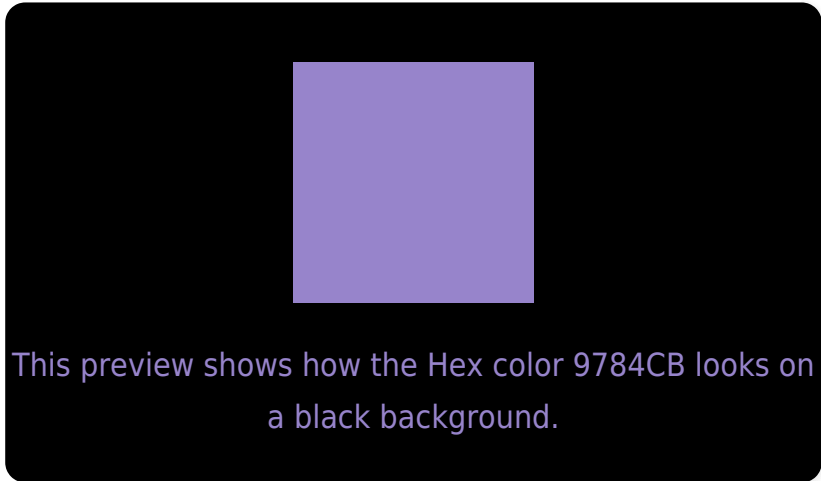
Large Text (above 18pt) WCAG AA ✓ Pass

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 9784CB Background



This preview shows how black text looks on a background with the Hex color 9784CB.

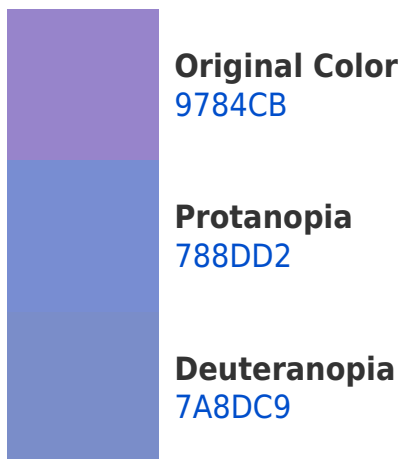


This preview shows how white text looks on a background with the Hex color 9784CB.

# 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](#).

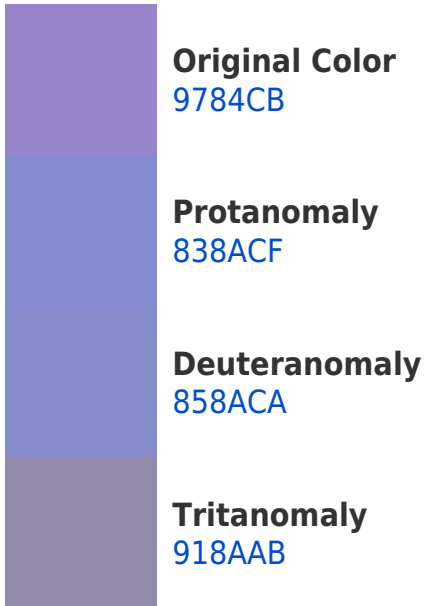
## Dichromacy



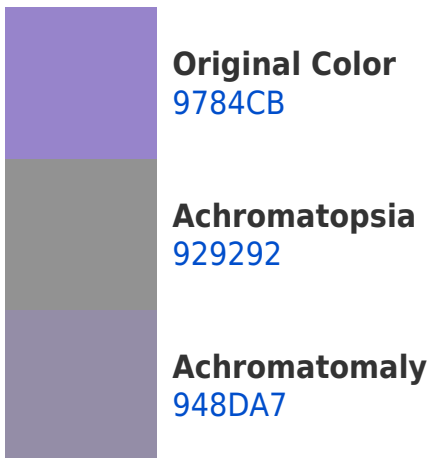


**Tritanopia**  
8E8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9784CB 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 #9784CB looks like.

```
.text, #text, p{  
    color:#9784CB  
}
```

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 #9784CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9784CB
}
```

## Border

The CSS property to change the border of an element to Hex 9784CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

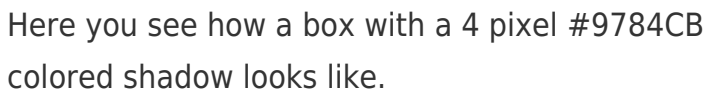
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9784CB }
```

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

```
.border{ border-color:#9784CB }
```

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



Here you see how a box with a 4 pixel #9784CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9784CB; -webkit-box-shadow:4px 4px  
4px 4px #9784CB; box-shadow:4px 4px 4px  
4px #9784CB }
```

# Background

The CSS property to change the background color of an element to Hex 9784CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9784CB }
```

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

```
.background{ background-color:#9784CB }
```

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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