

# Converting Colors

Hex(9584C6)

Have a look what the booklet for  
Hex(9584C6) contains.

<b>Hex(9584C6)</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(9584C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9584C6
RGB	149, 132, 198
RGB Percent	58%, 52%, 78%
CMY	0.4157, 0.4824, 0.2235
CMYK	0.25, 0.33, 0.00, 0.22
HSL	255°, 37%, 65%
HSV	255°, 33%, 78%
XYZ	30.8387, 26.9693, 57.0063
YIQ	144.6070, -11.0540, 24.1300

# Conversions

## Conversions Part 2

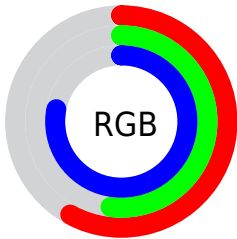
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 132, 198
Decimal	9798854
CIE <sub>Lab</sub>	58.95, 20.53, -31.98
CIE <sub>LCh</sub>	59, 38.002, 302.705
Yxy	26.9693, 0.2686, 0.2349
Android (android.graphics.Color)	4287988934 (0xFF9584C6)
YUV	144.6070, 26.3227, 3.8527
Hunter-Lab	51.9320, 15.1176, -28.7309

# Details

The Hex color **9584C6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B5C684**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **CCB9FF**, and **615290** is the 20% darker color. If you saturate the color by 10%, you get **8670C6**, and if you desaturate by 10%, it is **A498C6**.

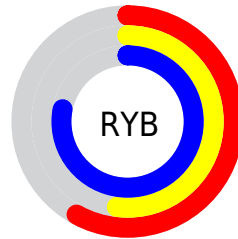
# Distribution



Red (58%)

Green (52%)

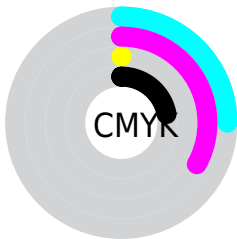
Blue (78%)



Red (58%)

Yellow (52%)

Blue (78%)

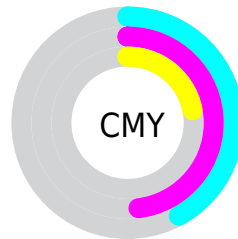


Cyan (25%)

Magenta (33%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (48%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9584C6 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 9584C6 by changing the saturation by 10% instead.



■ 9584C6

■ 9584C6

FFFFFF

■ 7A6BAB

■ CCB9FF

■ 615290

■ E9D5FF

■ 483B76

■ FFF1FF

■ 2F255D

■ 161145

■ 00002F

■ 000119

■ 000000

■ 9584C6

■ 9584C6

8670C6

A498C6

785CC6

B2ACC6

6949C6

C1BFC6

5A35C6

D0D3C6

4C21C6

DFE7C6

3D0DC6

EDFBC6

3300C6

FCFFC6

FFFFC6

# Harmonies

## Analogous

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



5E90D0



9584C6



BA78AD

# Triad

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



9584C6



BB8153



0C9F90

# Complementary

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



9584C6



B5C684

# 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.



539D6E



9584C6



A08D4A

# Square

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



9584C6



CC776C



7D9654



009EB1

# Rectangle

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



9584C6



C87497



7D9654



2E9F84



# Sweetspot

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



9584C6



ECE6FF



84B6C6



747080



000000



808080



# Same Dimension

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



9584C6



B399FF



B684C6



5C5A63



2A00A3



090024



# Inverse Universe

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



C684B5



FF99E5



95C684



635A61



A30079

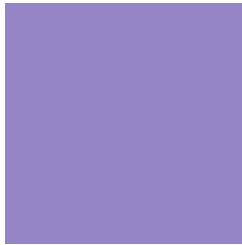


24001B



# Previews

## White Background



This preview shows how the Hex color 9584C6 looks on a white background.

## Color Contrast Check

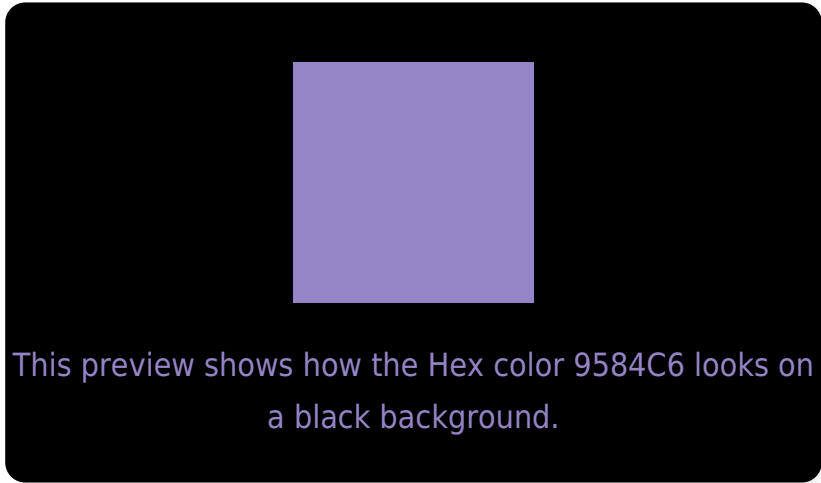
Large Text (above 18pt) WCAG AA ✓ Pass

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

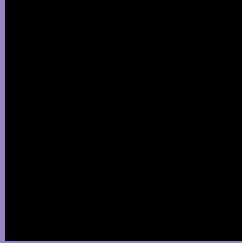
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9584C6 Background



This preview shows how black text looks on a background with the Hex color 9584C6.

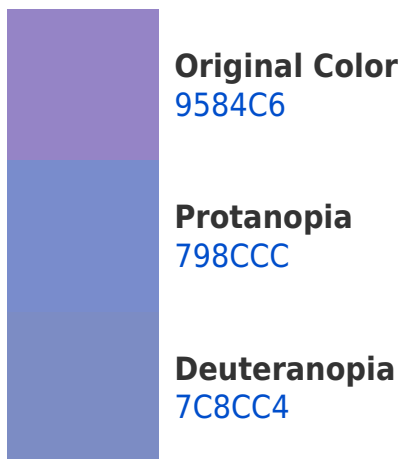


This preview shows how white text looks on a background with the Hex color 9584C6.

# 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](#).

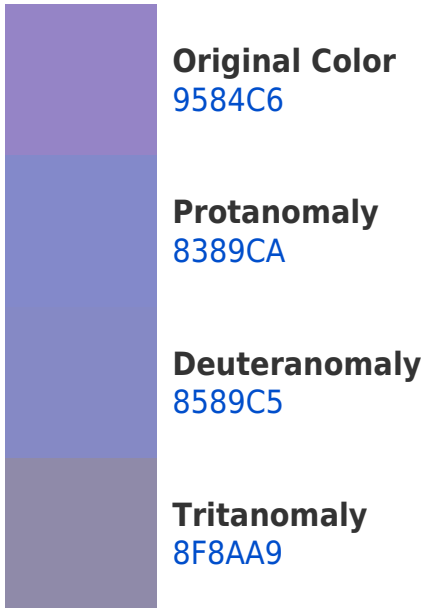
## Dichromacy



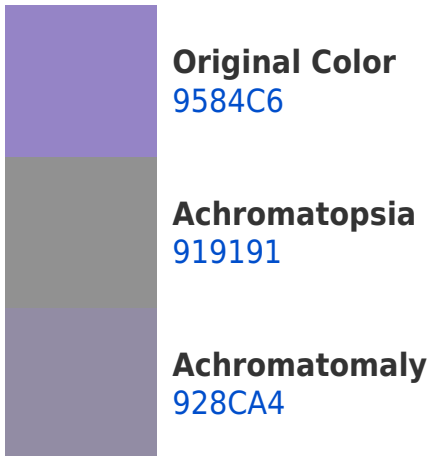


**Tritanopia**  
8C8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9584C6 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 #9584C6 looks like.

```
.text, #text, p{  
    color:#9584C6  
}
```

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 #9584C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9584C6
}
```

## Border

The CSS property to change the border of an element to Hex 9584C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

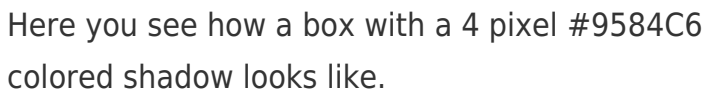
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9584C6 }
```

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

```
.border{ border-color:#9584C6 }
```

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



Here you see how a box with a 4 pixel #9584C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9584C6; -webkit-box-shadow:4px 4px  
4px 4px #9584C6; box-shadow:4px 4px 4px  
4px #9584C6 }
```

# Background

The CSS property to change the background color of an element to Hex 9584C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9584C6 }
```

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

```
.background{ background-color:#9584C6 }
```

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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