

# Converting Colors

Hex(9685C6)

Have a look what the booklet for  
Hex(9685C6) contains.

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# **Color**

**Hex(9685C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9685C6
RGB	150, 133, 198
RGB Percent	59%, 52%, 78%
CMY	0.4118, 0.4784, 0.2235
CMYK	0.24, 0.33, 0.00, 0.22
HSL	256°, 36%, 65%
HSV	256°, 33%, 78%
XYZ	31.1582, 27.3363, 57.0603
YIQ	145.4930, -10.7330, 23.8190

# Conversions

## Conversions Part 2

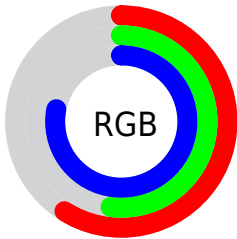
Format	Color
<a href="#">RYB</a>	<a href="#">150, 133, 198</a>
Decimal	<a href="#">9864646</a>
CIELab	<a href="#">59.28, 20.26, -31.45</a>
CIELCh	<a href="#">59, 37.405, 302.790</a>
Yxy	<a href="#">27.3363, 0.2696, 0.2366</a>
Android (android.graphics.Color)	<a href="#">4288054726 (0xFF9685C6)</a>
YUV	<a href="#">145.4930, 25.8860, 3.9526</a>
Hunter-Lab	<a href="#">52.2841, 14.8782, -28.1073</a>

# Details

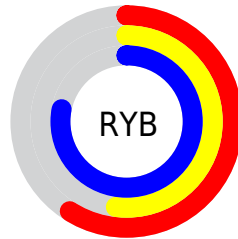
The Hex color **9685C6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B5C685**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CDBAFF**, and **625390** is the 20% darker color. If you saturate the color by 10%, you get **8771C6**, and if you desaturate by 10%, it is **A599C6**.

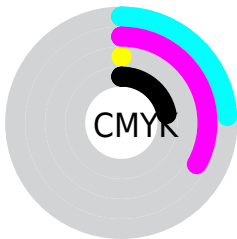
# Distribution



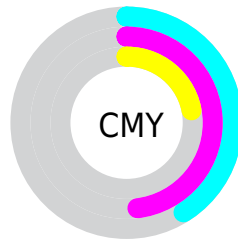
- Red (59%)
- Green (52%)
- Blue (78%)



- Red (59%)
- Yellow (52%)
- Blue (78%)



- Cyan (24%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (48%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9685C6 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 9685C6 by changing the saturation by 10% instead.



■ 9685C6

■ 9685C6

FFFFFF

■ 7B6CAB

■ CDBAFF

■ 625390

■ EAD6FF

■ 493C76

■ FFF2FF

■ 30265D

■ 171245

■ 02002F

■ 000119

■ 000000

■ 9685C6

■ 9685C6

8771C6

A599C6

795DC6

B3ADC6

6A4AC6

C2C0C6

5C36C6

D0D4C6

4D22C6

DFE8C6

3E0EC6

EEFCC6

3400C6

FCFFC6

FFFFC6

# Harmonies

## Analogous

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



6191D0



9685C6



BA7AAD

# Triad

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



9685C6



BC8255



17A091

# Complementary

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



9685C6



B5C685

# 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.



559D70



9685C6



A18E4C

# Square

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



9685C6



CC786D



7E9756



009FB1

# Rectangle

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



9685C6



C87598



7E9756



329F85



# Sweetspot

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



9685C6



ECE6FF



85B6C6



747080



000000



808080



# Same Dimension

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



9685C6



B69CFF



B685C6



5C5A63



2B00A3



090024



# Inverse Universe

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



C685B5



FF9CE5



95C685



635A61



A30079

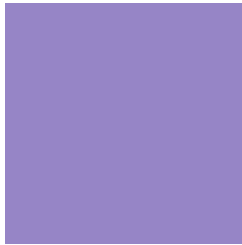


24001A



# Previews

## White Background



This preview shows how the Hex color 9685C6 looks on a white background.

## Color Contrast Check

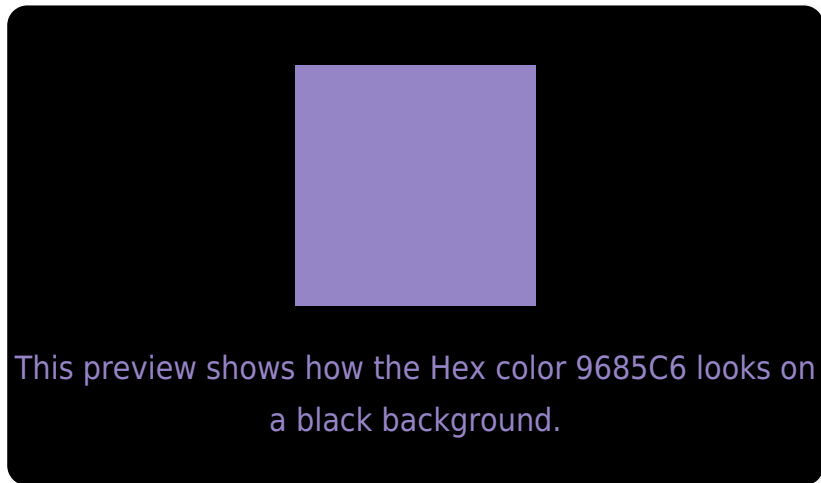
Large Text (above 18pt) WCAG AA ✓ Pass

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

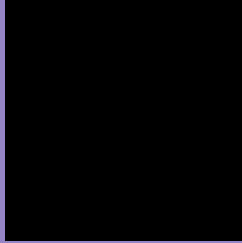
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9685C6 Background



This preview shows how black text looks on a background with the Hex color 9685C6.



This preview shows how white text looks on a background with the Hex color 9685C6.

# 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](#).

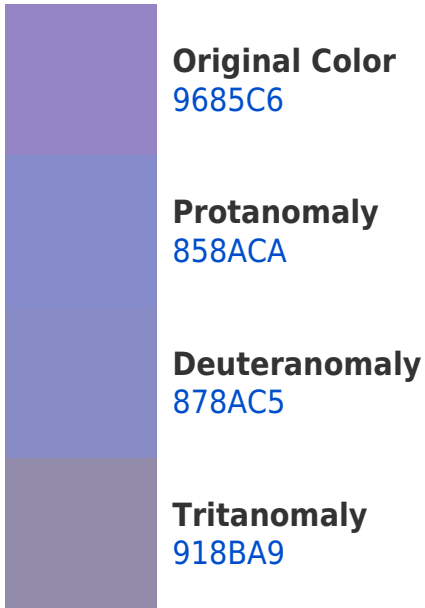
## Dichromacy



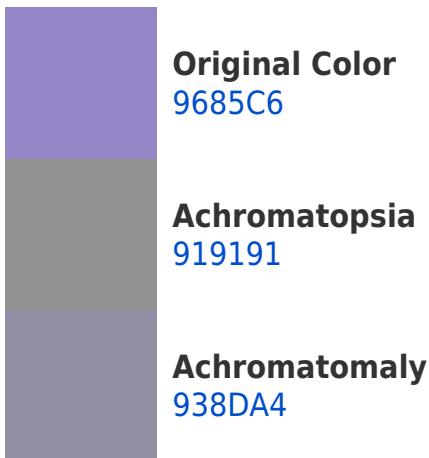


**Tritanopia**  
8E8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9685C6 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 #9685C6 looks like.

```
.text, #text, p{  
    color:#9685C6  
}
```

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 #9685C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9685C6
}
```

## Border

The CSS property to change the border of an element to Hex 9685C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

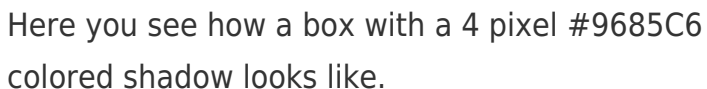
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9685C6 }
```

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

```
.border{ border-color:#9685C6 }
```

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



Here you see how a box with a 4 pixel #9685C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9685C6; -webkit-box-shadow:4px 4px  
4px 4px #9685C6; box-shadow:4px 4px 4px  
4px #9685C6 }
```

# Background

The CSS property to change the background color of an element to Hex 9685C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9685C6 }
```

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

```
.background{ background-color:#9685C6 }
```

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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