

# Converting Colors

Hex(8985CC)

Have a look what the booklet for  
Hex(8985CC) contains.

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# Color

Hex(8985CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	8985CC
RGB	137, 133, 204
RGB Percent	54%, 52%, 80%
CMY	0.4627, 0.4784, 0.2000
CMYK	0.33, 0.35, 0.00, 0.20
HSL	243°, 41%, 66%
HSV	243°, 35%, 80%
XYZ	29.6031, 26.4531, 60.6724
YIQ	142.2900, -20.4070, 22.9290

# Conversions

## Conversions Part 2

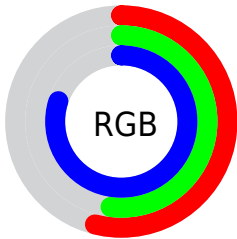
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	137, 133, 204
Decimal	9012684
CIE Lab	58.46, 17.96, -36.19
CIE LCh	58, 40.401, 296.388
Yxy	26.4531, 0.2536, 0.2266
Android (android.graphics.Color)	4287202764 (0xFF8985CC)
YUV	142.2900, 30.4230, -4.6393
Hunter-Lab	51.4325, 12.7327, -33.9387

# Details

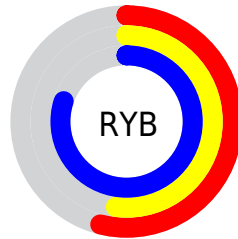
The Hex color **8985CC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C8CC85**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C0BAFF**, and **545495** is the 20% darker color. If you saturate the color by 10%, you get **7671CC**, and if you desaturate by 10%, it is **9C99CC**.

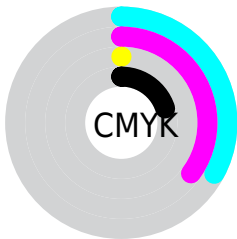
# Distribution



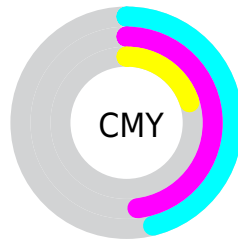
- Red (54%)
- Green (52%)
- Blue (80%)



- Red (54%)
- Yellow (52%)
- Blue (80%)



- Cyan (33%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (46%)
- Magenta (48%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8985CC 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 8985CC by changing the saturation by 10% instead.



8985CC

8985CC

FFFFFF

6E6CB0

C0BAFF

545495

DDD6FF

3A3C7B

FAF2FF

202762

00134A

000033

00021D

000000

8985CC

8985CC

 7671CC

 9C99CC

 625CCC

 B0AECC

 4F48CC

 C3C2CC

 3C33CC

 D6D7CC

 291FCC

 E9EBCC

 150BCC

 FDF FCC

 0B00CC

 FFF FCC

# Harmonies

## Analogous

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



4792D3



8985CC



B578B4

# Triad

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



8985CC



C17C53



099F87

# Complementary

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



8985CC



C8CC85

# 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.



589B64



8985CC



A68944

# Square

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



8985CC



CF726F



83944B



009EAB

# Rectangle

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



8985CC



C6719E



83944B



319E7B



# Sweetspot

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



8985CC



E7E6FF



85C8CC



717080



000000



808080



# Same Dimension

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



8985CC



9A94FF



AC85CC



5C5C66



0900A6



020026



# Inverse Universe

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



CC85C8



FF94F9



A5CC85



665C65



A6009C

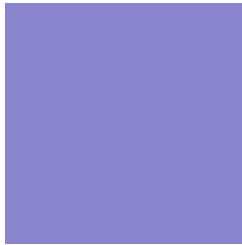


260024



# Previews

## White Background



This preview shows how the Hex color 8985CC looks on a white background.

## Color Contrast Check

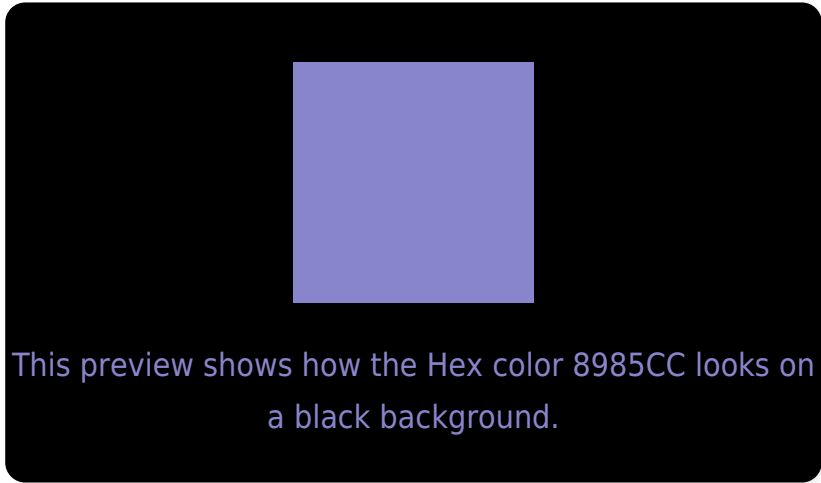
Large Text (above 18pt) WCAG AA ✓ Pass

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 8985CC Background



This preview shows how black text looks on a background with the Hex color 8985CC.

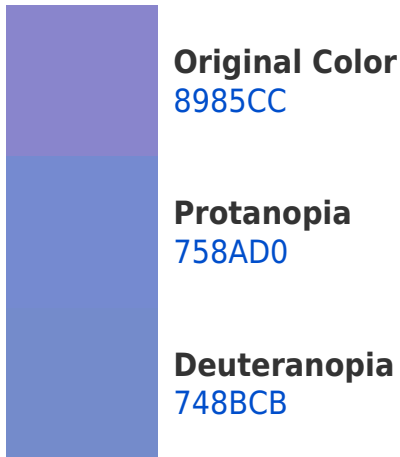


This preview shows how white text looks on a background with the Hex color 8985CC.

# 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](#).

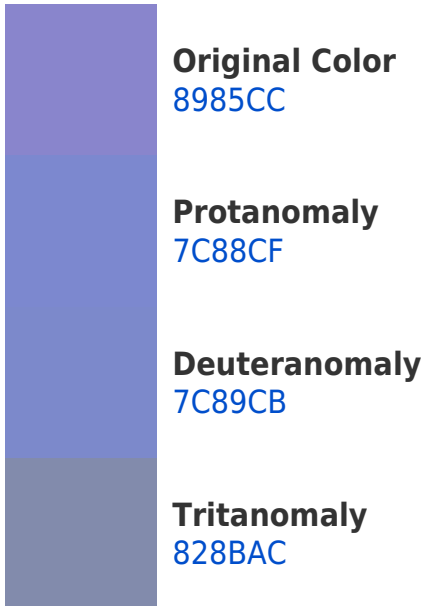
## Dichromacy



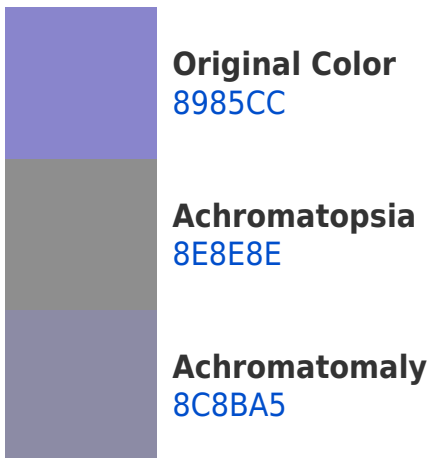


**Tritanopia**  
7E8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8985CC 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 #8985CC looks like.

```
.text, #text, p{  
    color:#8985CC  
}
```

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 #8985CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8985CC
}
```

## Border

The CSS property to change the border of an element to Hex 8985CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

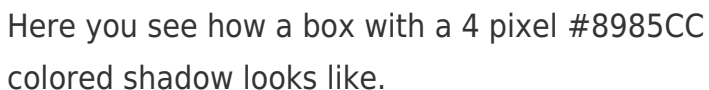
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8985CC }
```

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

```
.border{ border-color:#8985CC }
```

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



Here you see how a box with a 4 pixel #8985CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8985CC; -webkit-box-shadow:4px 4px  
4px 4px #8985CC; box-shadow:4px 4px 4px  
4px #8985CC }
```

# Background

The CSS property to change the background color of an element to Hex 8985CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8985CC }
```

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

```
.background{ background-color:#8985CC }
```

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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