

# Converting Colors

Hex(9085C0)

Have a look what the booklet for  
Hex(9085C0) contains.

<b>Hex(9085C0)</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(9085C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9085C0
RGB	144, 133, 192
RGB Percent	56%, 52%, 75%
CMY	0.4353, 0.4784, 0.2471
CMYK	0.25, 0.31, 0.00, 0.25
HSL	251°, 32%, 64%
HSV	251°, 31%, 75%
XYZ	29.4036, 26.5101, 53.4364
YIQ	143.0150, -12.3830, 20.6810

# Conversions

## Conversions Part 2

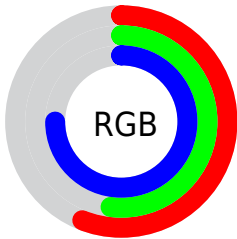
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 133, 192
Decimal	9471424
CIELab	58.52, 16.96, -29.28
CIElCh	59, 33.836, 300.087
Yxy	26.5101, 0.2689, 0.2424
Android (android.graphics.Color)	4287661504 (0xFF9085C0)
YUV	143.0150, 24.1496, 0.8638
Hunter-Lab	51.4880, 11.8331, -25.4921

# Details

The Hex color **9085C0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B5C085**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C7BAF9**, and **5C538A** is the 20% darker color. If you saturate the color by 10%, you get **8072C0**, and if you desaturate by 10%, it is **A098C0**.

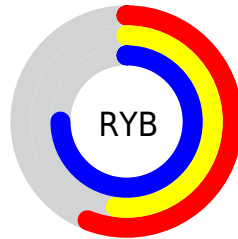
# Distribution



Red (56%)

Green (52%)

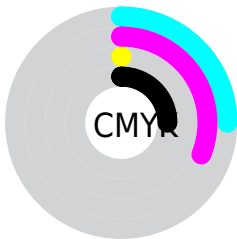
Blue (75%)



Red (56%)

Yellow (52%)

Blue (75%)

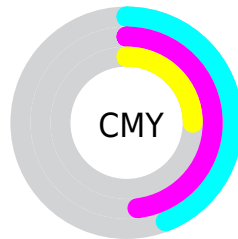


Cyan (25%)

Magenta (31%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (48%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9085C0 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 9085C0 by changing the saturation by 10% instead.



■ 9085C0

■ 9085C0

FFFFFF

■ 766CA5

■ C7BAF9

■ 5C538A

■ E3D6FF

■ 433C71

■ FFF2FF

■ 2B2758

■ 121240

■ 00002A

■ 000114

■ 000000

■ 9085C0

■ 9085C0

8072C0

A098C0

715FC0

AFABC0

614BC0

BFBFC0

5238C0

CED2C0

4225C0

DEE5C0

3212C0

EEF8C0

2400C0

FDFFC0

FFFFC0

# Harmonies

## Analogous

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



6190C8



9085C0



B27BAB

# Triad

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



9085C0



B8815A



339C8C

# Complementary

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



9085C0



B5C085

# 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.



5E9A6E



9085C0



A08B51

# Square

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



9085C0



C57871



819458



009CA9

# Rectangle

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



9085C0



C07698



819458



429C82



# Sweetspot

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



9085C0



E8E3FA



85B5C0



726F7D



FCFCFC



7D7D7D



# Same Dimension

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



9085C0



AF9DFA



AD85C0



595761



1E00A1



060021



# Inverse Universe

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



C085B5



FA9DE9



98C085



61575F



A10083

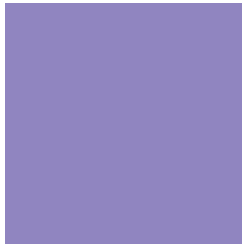


21001B



# Previews

## White Background



This preview shows how the Hex color 9085C0 looks on a white background.

## Color Contrast Check

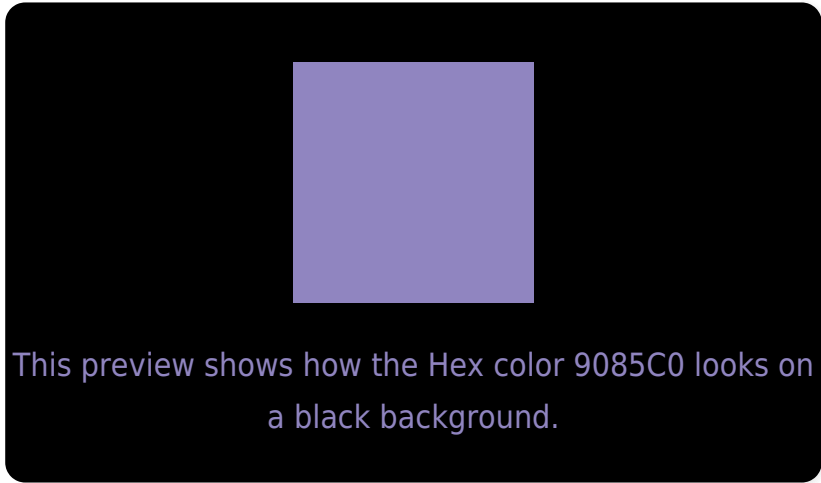
Large Text (above 18pt) WCAG AA ✓ Pass

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

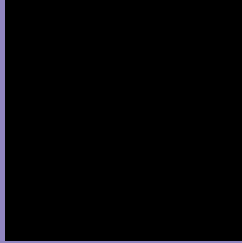
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9085C0 Background



This preview shows how black text looks on a background with the Hex color 9085C0.



This preview shows how white text looks on a background with the Hex color 9085C0.

# 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](#).

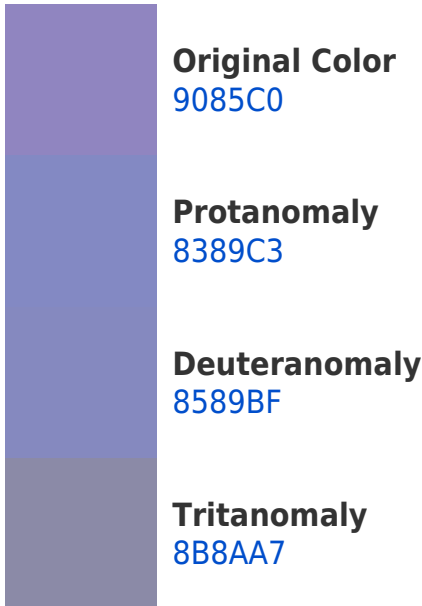
## Dichromacy



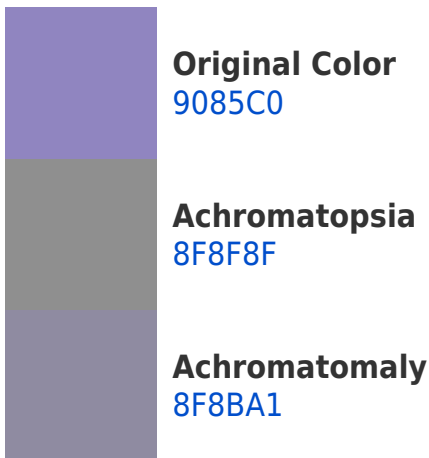


**Tritanopia**  
888D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9085C0 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 #9085C0 looks like.

```
.text, #text, p{  
    color:#9085C0  
}
```

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 #9085C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9085C0
}
```

## Border

The CSS property to change the border of an element to Hex 9085C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

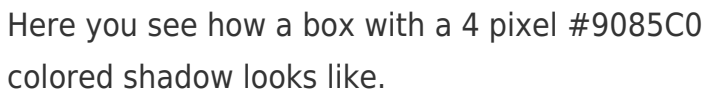
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9085C0 }
```

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

```
.border{ border-color:#9085C0 }
```

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



Here you see how a box with a 4 pixel #9085C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9085C0; -webkit-box-shadow:4px 4px  
4px 4px #9085C0; box-shadow:4px 4px 4px  
4px #9085C0 }
```

# Background

The CSS property to change the background color of an element to Hex 9085C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9085C0 }
```

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

```
.background{ background-color:#9085C0 }
```

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