

# Converting Colors

Hex(8C5CB7)

Have a look what the booklet for  
Hex(8C5CB7) contains.

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# Color

**Hex(8C5CB7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C5CB7
RGB	140, 92, 183
RGB Percent	55%, 36%, 72%
CMY	0.4510, 0.6392, 0.2824
CMYK	0.23, 0.50, 0.00, 0.28
HSL	272°, 39%, 54%
HSV	272°, 50%, 72%
XYZ	23.1896, 16.6486, 46.7910
YIQ	116.7260, -0.6030, 38.4770

# Conversions

## Conversions Part 2

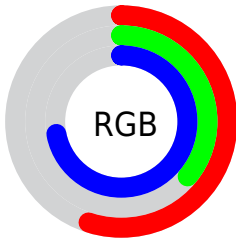
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 92, 183
Decimal	9198775
CIE <sub>Lab</sub>	47.81, 37.37, -40.90
CIE <sub>LCh</sub>	48, 55.403, 312.417
Yxy	16.6486, 0.2677, 0.1922
Android (android.graphics.Color)	4287388855 (0xFF8C5CB7)
YUV	116.7260, 32.6731, 20.4113
Hunter-Lab	40.8027, 30.0429, -39.4296

# Details

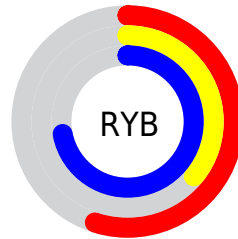
The Hex color **8C5CB7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **87B75C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C390EF**, and **572C81** is the 20% darker color. If you saturate the color by 10%, you get **834AB7**, and if you desaturate by 10%, it is **956EB7**.

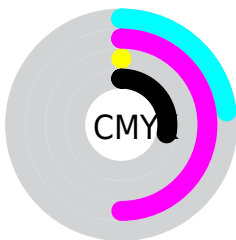
# Distribution



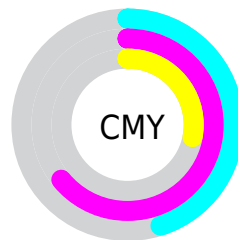
- Red (55%)
- Green (36%)
- Blue (72%)



- Red (55%)
- Yellow (36%)
- Blue (72%)



- Cyan (23%)
- Magenta (50%)
- Yellow (0%)
- Black (28%)



- Cyan (45%)
- Magenta (64%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C5CB7 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 8C5CB7 by changing the saturation by 10% instead.



8C5CB7

8C5CB7

FFFFFF

71439C

C390EF

572C81

E0AAFF

3D1368

FDC6FF

23004F

FFE2FF

0C0038

000221

000006

000000

8C5CB7

8C5CB7

834AB7

956EB7

7B37B7

9D81B7

7225B7

A693B7

6913B7

AFA5B7

6101B7

B7B8B7

6100B7

C0CAB7

C9DCB7

D1EEB7

DAFFB7

# Harmonies

## Analogous

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



2D70CD



8C5CB7



B7488F

# Triad

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



8C5CB7



9E650B



008784

# Complementary

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



8C5CB7



87B75C

# 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.



008553



8C5CB7



767500

# Square

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



8C5CB7



BB5134



418026



0085B0

# Rectangle

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



8C5CB7



C34170



418026



008774



# Sweetspot

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



8C5CB7



DCCAED



5C88B7



6E6278



F7F7F7



787878



# Same Dimension

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



8C5CB7



AA5FED



B75CB5



57535C



52009C



0F001C



# Inverse Universe

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



B75C87



ED5FA2



5CB75E



5C5357



9C004A

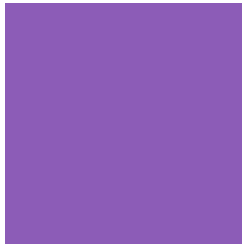


1C000D



# Previews

## White Background



This preview shows how the Hex color 8C5CB7 looks on a white background.

## Color Contrast Check

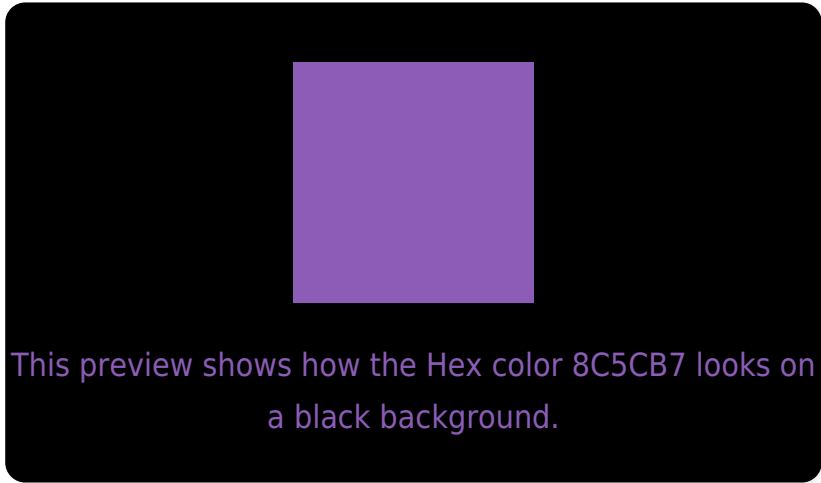
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 8C5CB7 Background



This preview shows how black text looks on a background with the Hex color 8C5CB7.

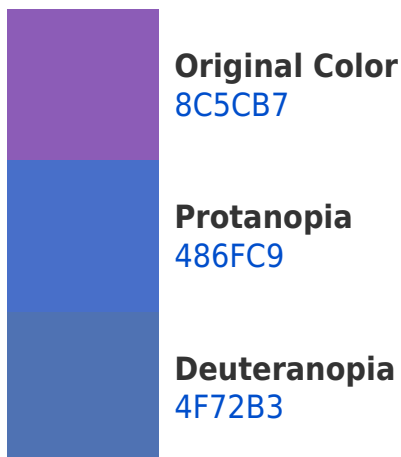



This preview shows how white text looks on a background with the Hex color 8C5CB7.

# 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](#).

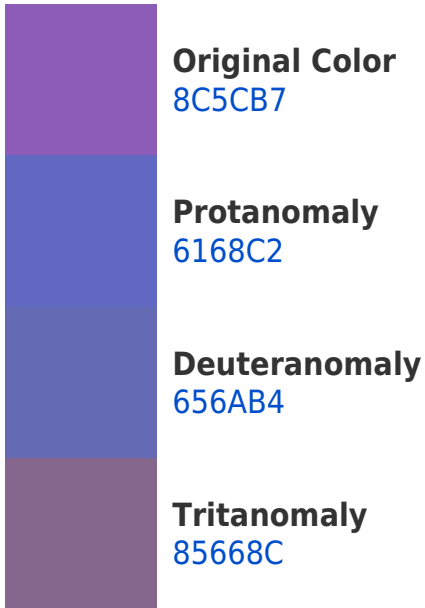
## Dichromacy



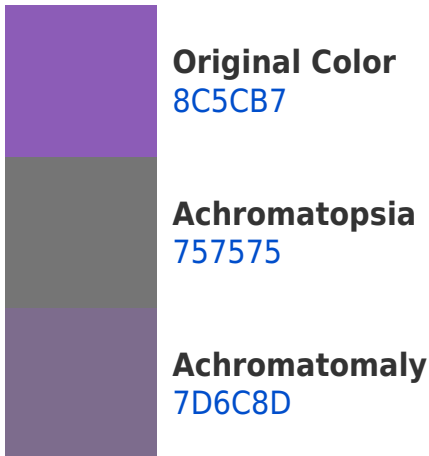


**Tritanopia**  
816C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C5CB7 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 #8C5CB7 looks like.

```
.text, #text, p{  
    color:#8C5CB7  
}
```

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 #8C5CB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C5CB7
}
```

## Border

The CSS property to change the border of an element to Hex 8C5CB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

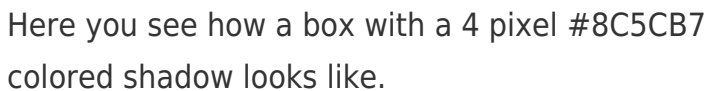
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C5CB7 }
```

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

```
.border{ border-color:#8C5CB7 }
```

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



Here you see how a box with a 4 pixel #8C5CB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C5CB7; -webkit-box-shadow:4px 4px  
4px 4px #8C5CB7; box-shadow:4px 4px 4px  
4px #8C5CB7 }
```

# Background

The CSS property to change the background color of an element to Hex 8C5CB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C5CB7 }
```

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

```
.background{ background-color:#8C5CB7 }
```

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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