

# Converting Colors

Hex(8C65B9)

Have a look what the booklet for  
Hex(8C65B9) contains.

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# Color

**Hex(8C65B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C65B9
RGB	140, 101, 185
RGB Percent	55%, 40%, 73%
CMY	0.4510, 0.6039, 0.2745
CMYK	0.24, 0.45, 0.00, 0.27
HSL	268°, 38%, 56%
HSV	268°, 45%, 73%
XYZ	24.2259, 18.3856, 48.1709
YIQ	122.2370, -3.7200, 34.3920

# Conversions

## Conversions Part 2

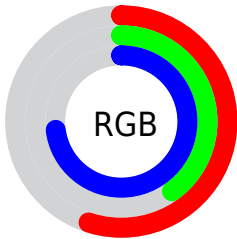
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 101, 185
Decimal	9201081
CIELab	49.96, 32.71, -38.67
CIELCh	50, 50.646, 310.223
Yxy	18.3856, 0.2669, 0.2025
Android (android.graphics.Color)	4287391161 (0xFF8C65B9)
YUV	122.2370, 30.9422, 15.5782
Hunter-Lab	42.8784, 25.8134, -36.5932

# Details

The Hex color **8C65B9** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **92B965**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C399F1**, and **573583** is the 20% darker color. If you saturate the color by 10%, you get **8252B9**, and if you desaturate by 10%, it is **9677B9**.

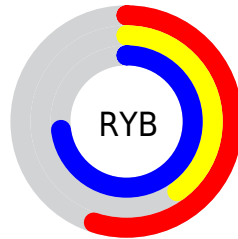
# Distribution



Red (55%)

Green (40%)

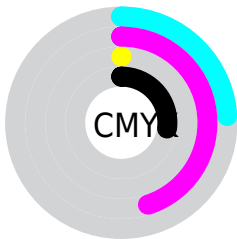
Blue (73%)



Red (55%)

Yellow (40%)

Blue (73%)

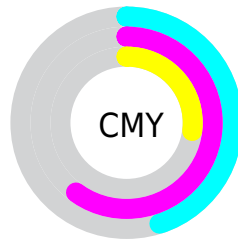


Cyan (24%)

Magenta (45%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (60%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C65B9 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 8C65B9 by changing the saturation by 10% instead.



8C65B9

8C65B9

FFFFFF

714C9E

C399F1

573583

E0B4FF

3E1E6A

FDCFFF

240751

FFECFF

12003A

000223

00000A

000000

8C65B9

8C65B9

8252B9

9677B9

7840B9

A08AB9

6E2DB9

AA9CB9

641BB9

B4AFB9

5A08B9

BEC2B9

5600B9

C7D4B9

D1E6B9

DBF9B9

E5FFB9

# Harmonies

## Analogous

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



3A77CC



8C65B9



B65495

# Triad

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



8C65B9



A46A21



008C85

# Complementary

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



8C65B9



92B965

# 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.



008A58



8C65B9



7F7917

# Square

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



8C65B9



BD5941



508430



008AAD

# Rectangle

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



8C65B9



C34E78



508430



008B76



# Sweetspot

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



8C65B9



DECEF0



6593B9



6D6378



F7F7F7



787878



# Same Dimension

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



8C65B9



AA6EF0



B565B9



57535C



48009C



0D001C



# Inverse Universe

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



B96592



F06EB4



69B965



5C5358



9C0053

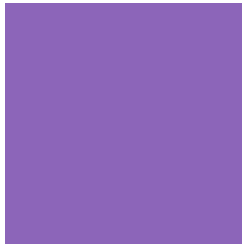


1C000F



# Previews

## White Background



This preview shows how the Hex color 8C65B9 looks on a white background.

## Color Contrast Check

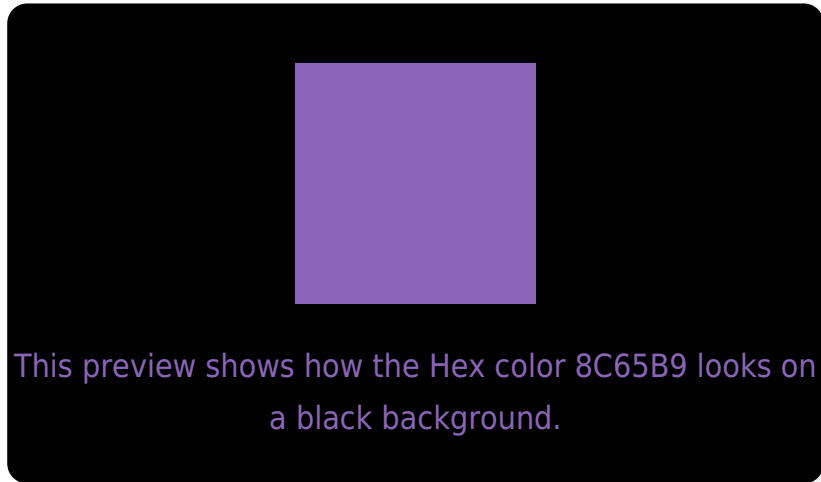
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C65B9 Background



This preview shows how black text looks on a background with the Hex color 8C65B9.

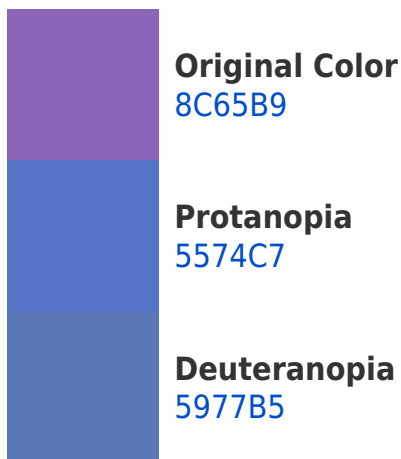



This preview shows how white text looks on a background with the Hex color 8C65B9.

# 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**  
81737C

# Trichromacy



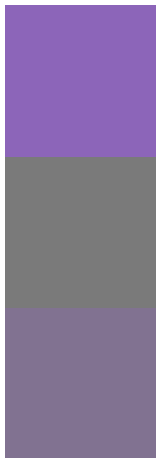
**Original Color**  
8C65B9

**Protanomaly**  
696FC2

**Deuteranomaly**  
6C70B6

**Tritanomaly**  
856E92

# Monochromacy



**Original Color**  
8C65B9

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
817291

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C65B9 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 #8C65B9 looks like.

```
.text, #text, p{  
    color:#8C65B9  
}
```

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 #8C65B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C65B9
}
```

## Border

The CSS property to change the border of an element to Hex 8C65B9 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
#8C65B9 }
```

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

```
.border{ border-color:#8C65B9 }
```

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

Here you see how a box with a 4 pixel #8C65B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C65B9; -webkit-box-shadow:4px 4px  
4px 4px #8C65B9; box-shadow:4px 4px 4px  
4px #8C65B9 }
```

# Background

The CSS property to change the background color of an element to Hex 8C65B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C65B9 }
```

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

```
.background{ background-color:#8C65B9 }
```

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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