

# Converting Colors

Hex(8647C6)

Have a look what the booklet for  
Hex(8647C6) contains.

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**Color**

**Hex(8647C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8647C6
RGB	134, 71, 198
RGB Percent	53%, 28%, 78%
CMY	0.4745, 0.7216, 0.2235
CMYK	0.32, 0.64, 0.00, 0.22
HSL	270°, 53%, 53%
HSV	270°, 64%, 78%
XYZ	22.2778, 13.6520, 54.8870
YIQ	104.3150, -3.2190, 52.8530

# Conversions

## Conversions Part 2

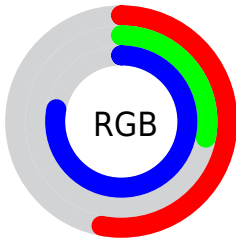
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 71, 198
Decimal	8800198
CIE <sub>Lab</sub>	43.73, 50.83, -56.19
CIE <sub>LCh</sub>	44, 75.767, 312.131
Yxy	13.6520, 0.2453, 0.1503
Android (android.graphics.Color)	4286990278 (0xFF8647C6)
YUV	104.3150, 46.1867, 26.0337
Hunter-Lab	36.9486, 42.9646, -62.2109

# Details

The Hex color **8647C6** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **87C647**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BF7BFF**, and **4E118F** is the 20% darker color. If you saturate the color by 10%, you get **7C33C6**, and if you desaturate by 10%, it is **905BC6**.

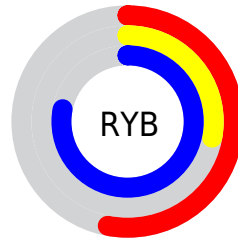
# Distribution



Red (53%)

Green (28%)

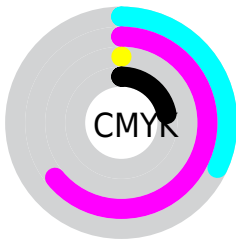
Blue (78%)



Red (53%)

Yellow (28%)

Blue (78%)

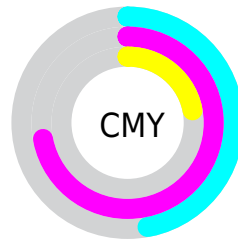


Cyan (32%)

Magenta (64%)

Yellow (0%)

Black (22%)



Cyan (47%)

Magenta (72%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8647C6 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 8647C6 by changing the saturation by 10% instead.



 8647C6

 8647C6

FFFFFF

 6A2DAA

 BF7BFF

 4E118F

 DC96FF

 310075

 FAB1FF

 11005C

 FFCDFE

 000043

 FFEAFF

 00032C

 000116

 000000

 8647C6

 8647C6

7C33C6

905BC6

721FC6

9A6FC6

680CC6

A482C6

6200C6

AE96C6

B8AAC6

C2BEC6

CCD2C6

D6E5C6

E0F9C6

# Harmonies

## Analogous

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



0067E4



8647C6



C10C8F

# Triad

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



8647C6



9C5600



008180

# Complementary

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



8647C6



87C647

# 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.



007F3E



8647C6



676D00

# Square

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



8647C6



C23011



027900



0080BB

# Rectangle

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



8647C6



D00066



027900



00816A



# Sweetspot

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



8647C6



E7CFFF



4789C6



716280



000000



808080



# Same Dimension

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



8647C6



9C3BFF



C447C6



5E5A63



5100A3



120024



# Inverse Universe

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



C64787



FF3B9E



49C647



635A5F



A30052

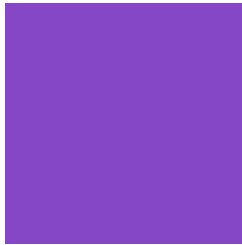


240012



# Previews

## White Background



This preview shows how the Hex color 8647C6 looks on a white background.

## Color Contrast Check

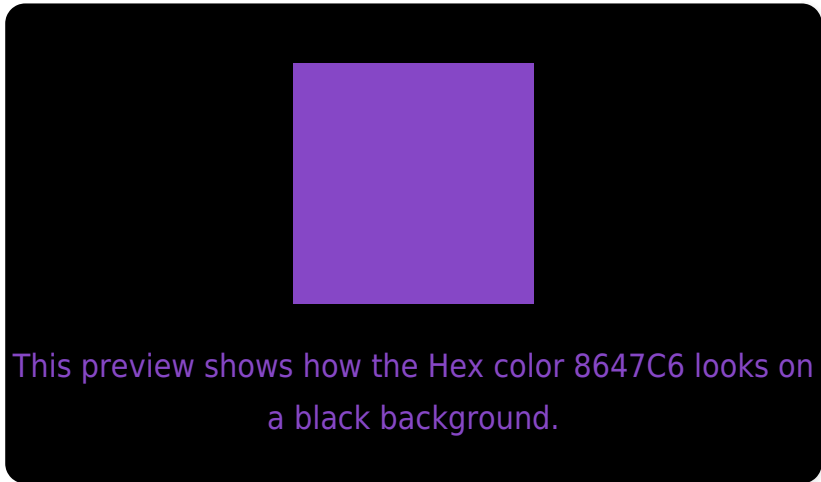
Large Text (above 18pt) WCAG AA ✓ Pass

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

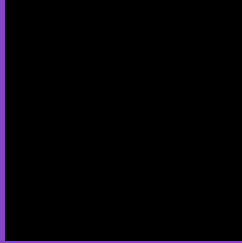
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8647C6 Background



This preview shows how black text looks on a background with the Hex color 8647C6.

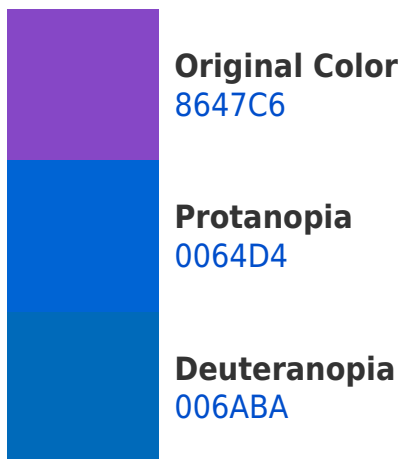



This preview shows how white text looks on a background with the Hex color 8647C6.

# 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](#).

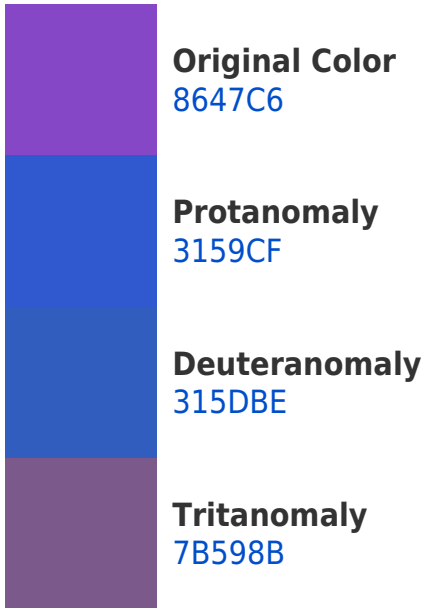
## Dichromacy





**Tritanopia**  
75636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8647C6 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 #8647C6 looks like.

```
.text, #text, p{  
    color:#8647C6  
}
```

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 #8647C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8647C6
}
```

## Border

The CSS property to change the border of an element to Hex 8647C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

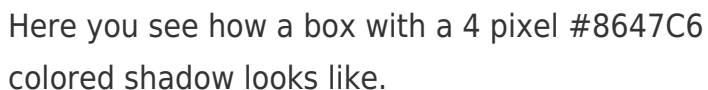
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8647C6 }
```

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

```
.border{ border-color:#8647C6 }
```

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



Here you see how a box with a 4 pixel #8647C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8647C6; -webkit-box-shadow:4px 4px  
4px 4px #8647C6; box-shadow:4px 4px 4px  
4px #8647C6 }
```

# Background

The CSS property to change the background color of an element to Hex 8647C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8647C6 }
```

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

```
.background{ background-color:#8647C6 }
```

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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