

# Converting Colors

Hex(8648C6)

Have a look what the booklet for  
Hex(8648C6) contains.

<b>Hex(8648C6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8648C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8648C6
RGB	134, 72, 198
RGB Percent	53%, 28%, 78%
CMY	0.4745, 0.7176, 0.2235
CMYK	0.32, 0.64, 0.00, 0.22
HSL	270°, 52%, 53%
HSV	270°, 64%, 78%
XYZ	22.3419, 13.7803, 54.9084
YIQ	104.9020, -3.4940, 52.3300

# Conversions

## Conversions Part 2

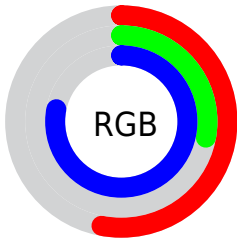
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 72, 198
Decimal	8800454
CIE <sub>Lab</sub>	43.92, 50.32, -55.89
CIE <sub>LCh</sub>	44, 75.203, 311.997
Yxy	13.7803, 0.2454, 0.1514
Android (android.graphics.Color)	4286990534 (0xFF8648C6)
YUV	104.9020, 45.8973, 25.5189
Hunter-Lab	37.1218, 42.4679, -61.7130

# Details

The Hex color **8648C6** 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 **88C648**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BF7CFF**, and **4E138F** is the 20% darker color. If you saturate the color by 10%, you get **7C34C6**, and if you desaturate by 10%, it is **905CC6**.

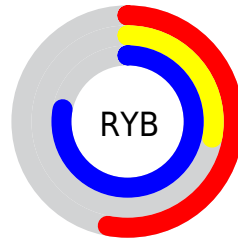
# Distribution



Red (53%)

Green (28%)

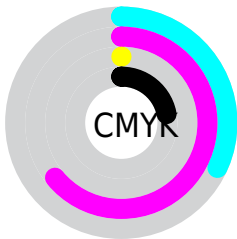
Blue (78%)



Red (53%)

Yellow (28%)

Blue (78%)

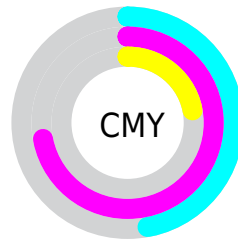


Cyan (32%)

Magenta (64%)

Yellow (0%)

Black (22%)



Cyan (47%)

Magenta (72%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8648C6 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 8648C6 by changing the saturation by 10% instead.



 8648C6

 8648C6

FFFFFF

 6A2EAA

 BF7CFF

 4E138F


 DC97FF

 320075

 FAB2FF


 11005C

 FFCEFF

 000043

 FFE8FF

 00032C

 000116

 000000

 8648C6

 8648C6

7C34C6

905CC6

7220C6

9A70C6

680DC6

A483C6

6100C6

AE97C6

B8ABC6

C2BFC6

CCD3C6

D6E6C6

E1FAC6

# Harmonies

## Analogous

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



0068E4



8648C6



C11190

# Triad

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



8648C6



9D5700



008280

# Complementary

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



8648C6



88C648

# 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



8648C6



686D00

# Square

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



8648C6



C23113



087900



0081BB

# Rectangle

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



8648C6



D00067



087900



00816A



# Sweetspot

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



8648C6



E6CFFF



4889C6



716280



000000



808080



# Same Dimension

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



8648C6



9D3DFF



C448C6



5E5A63



5000A3



120024



# Inverse Universe

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



C64888



FF3DA0



4AC648



635A5F



A30053

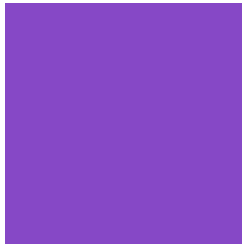


240012



# Previews

## White Background



This preview shows how the Hex color 8648C6 looks on a white background.

## Color Contrast Check

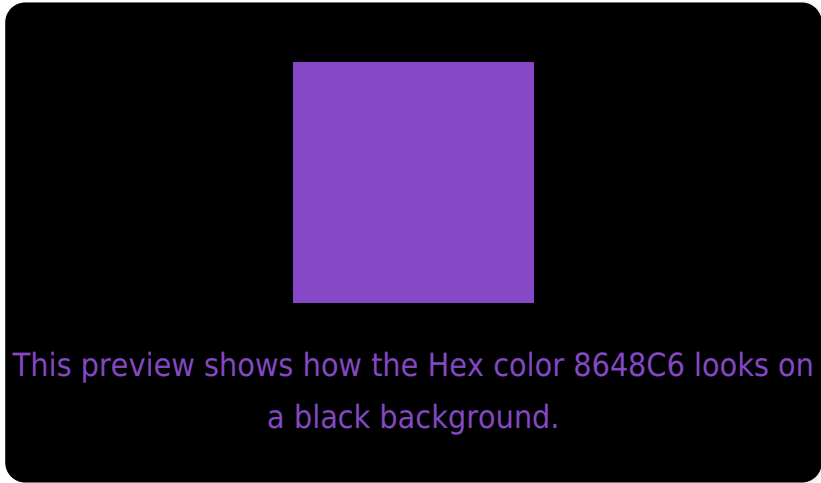
Large Text (above 18pt) WCAG AA ✓ Pass

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

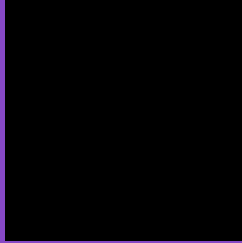
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8648C6 Background



This preview shows how black text looks on a background with the Hex color 8648C6.

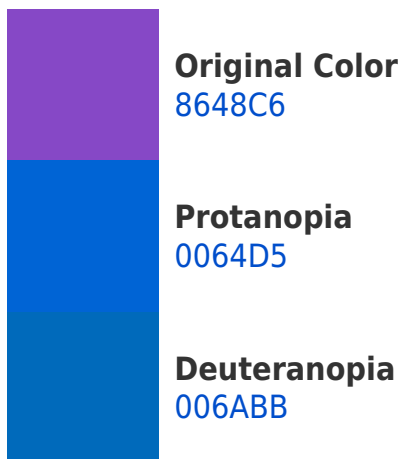


This preview shows how white text looks on a background with the Hex color 8648C6.

# 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](#).

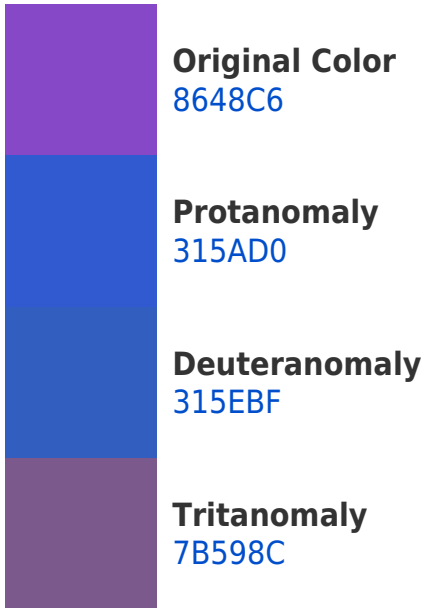
## Dichromacy



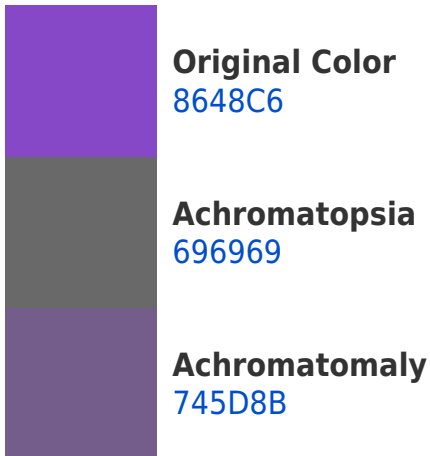


**Tritanopia**  
75636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8648C6 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 #8648C6 looks like.

```
.text, #text, p{  
    color:#8648C6  
}
```

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 #8648C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8648C6
}
```

## Border

The CSS property to change the border of an element to Hex 8648C6 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".

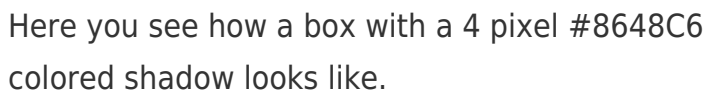
```
.border, #border, table{ border:4px solid
#8648C6 }
```

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

```
.border{ border-color:#8648C6 }
```

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

Here you see how a box with a 4 pixel #8648C6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8648C6; -webkit-box-shadow:4px 4px  
4px 4px #8648C6; box-shadow:4px 4px 4px  
4px #8648C6 }
```

# Background

The CSS property to change the background color of an element to Hex 8648C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8648C6 }
```

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

```
.background{ background-color:#8648C6 }
```

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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