

# Converting Colors

Hex(8666C5)

Have a look what the booklet for  
Hex(8666C5) contains.

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# Color

**Hex(8666C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8666C5
RGB	134, 102, 197
RGB Percent	53%, 40%, 77%
CMY	0.4745, 0.6000, 0.2275
CMYK	0.32, 0.48, 0.00, 0.23
HSL	260°, 45%, 59%
HSV	260°, 48%, 77%
XYZ	24.6609, 18.6023, 55.1142
YIQ	122.3980, -11.4230, 36.3290

# Conversions

## Conversions Part 2

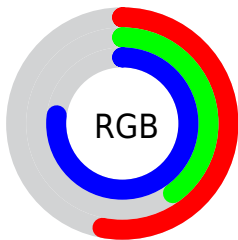
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 102, 197
Decimal	8808133
CIELab	50.22, 33.48, -45.22
CIELCh	50, 56.266, 306.514
Yxy	18.6023, 0.2507, 0.1891
Android (android.graphics.Color)	4286998213 (0xFF8666C5)
YUV	122.3980, 36.7788, 10.1750
Hunter-Lab	43.1304, 26.5839, -45.5725

# Details

The Hex color **8666C5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **A5C566**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BE9AFE**, and **50368F** is the 20% darker color. If you saturate the color by 10%, you get **7952C5**, and if you desaturate by 10%, it is **937AC5**.

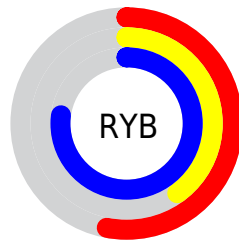
# Distribution



Red (53%)

Green (40%)

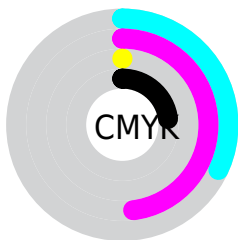
Blue (77%)



Red (53%)

Yellow (40%)

Blue (77%)

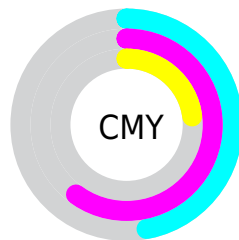


Cyan (32%)

Magenta (48%)

Yellow (0%)

Black (23%)



Cyan (47%)

Magenta (60%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8666C5 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 8666C5 by changing the saturation by 10% instead.



8666C5

8666C5

FFFFFF

6B4DA9

BE9AFE

50368F

DAB5FF

361F74

F7D0FF

19095B

FFEDFF

010043

00032C

000116

000000

8666C5

8666C5

7952C5

937AC5

6C3FC5

A08DC5

5F2BC5

ADA1C5

5217C5

BAB5C5

4504C5

C7C9C5

4200C5

D4DCC5

E1F0C5

EFFFC5

FCFFC5

# Harmonies

## Analogous

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



007AD7



8666C5



B9519F

# Triad

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



8666C5



AD6719



008E81

# Complementary

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



8666C5



A5C566

# 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.



008B4F



8666C5



857900

# Square

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



8666C5



C75341



538522



008DAF

# Rectangle

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



8666C5



C9487F



538522



008D70



# Sweetspot

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



8666C5



E7DBFF



66A5C5



716A80



000000



808080



# Same Dimension

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



8666C5



9D6BFF



B566C5



5D5A63



3700A3



0C0024



# Inverse Universe

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



C566A5



FF6BCD



76C566



635A60



A3006C

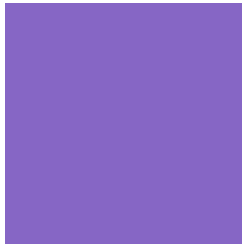


240018



# Previews

## White Background



This preview shows how the Hex color 8666C5 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 8666C5 Background



This preview shows how black text looks on a background with the Hex color 8666C5.

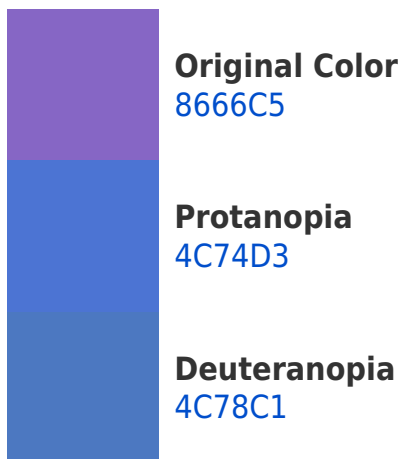


This preview shows how white text looks on a background with the Hex color 8666C5.

# 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](#).

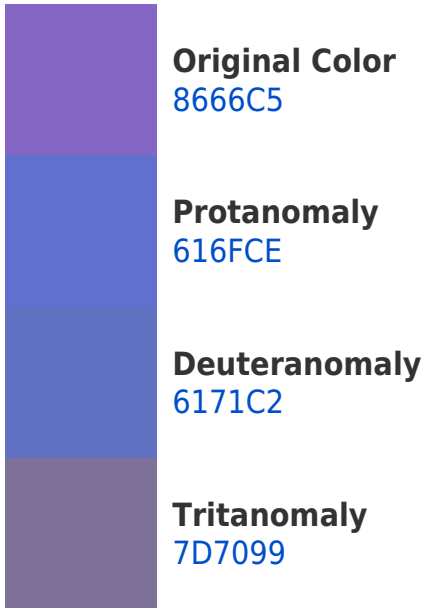
## Dichromacy



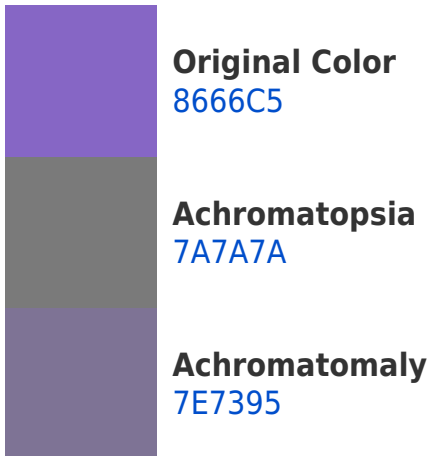


**Tritanopia**  
787680

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8666C5 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 #8666C5 looks like.

```
.text, #text, p{  
    color:#8666C5  
}
```

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 #8666C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8666C5
}
```

## Border

The CSS property to change the border of an element to Hex 8666C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

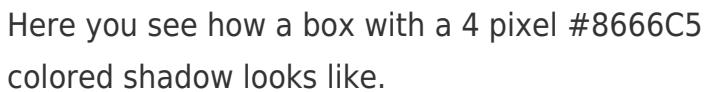
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8666C5 }
```

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

```
.border{ border-color:#8666C5 }
```

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



Here you see how a box with a 4 pixel #8666C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8666C5; -webkit-box-shadow:4px 4px  
4px 4px #8666C5; box-shadow:4px 4px 4px  
4px #8666C5 }
```

# Background

The CSS property to change the background color of an element to Hex 8666C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8666C5 }
```

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

```
.background{ background-color:#8666C5 }
```

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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