

# Converting Colors

Hex(8466C6)

Have a look what the booklet for  
Hex(8466C6) contains.

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# Color

**Hex(8466C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8466C6
RGB	132, 102, 198
RGB Percent	52%, 40%, 78%
CMY	0.4824, 0.6000, 0.2235
CMYK	0.33, 0.48, 0.00, 0.22
HSL	259°, 46%, 59%
HSV	259°, 48%, 78%
XYZ	24.4601, 18.4855, 55.7049
YIQ	121.9140, -12.9360, 36.2160

# Conversions

## Conversions Part 2

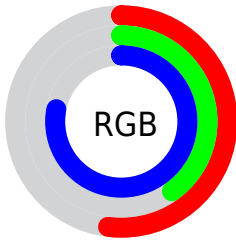
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 102, 198
Decimal	8677062
CIE <sub>Lab</sub>	50.08, 33.21, -46.03
CIE <sub>LCh</sub>	50, 56.758, 305.811
Yxy	18.4855, 0.2479, 0.1874
Android (android.graphics.Color)	4286867142 (0xFF8466C6)
YUV	121.9140, 37.5104, 8.8454
Hunter-Lab	42.9948, 26.3095, -46.7211

# Details

The Hex color **8466C6** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **A8C666**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BC9AFF**, and **4E368F** is the 20% darker color. If you saturate the color by 10%, you get **7652C6**, and if you desaturate by 10%, it is **927AC6**.

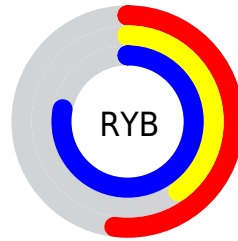
# Distribution



Red (52%)

Green (40%)

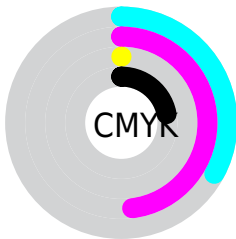
Blue (78%)



Red (52%)

Yellow (40%)

Blue (78%)

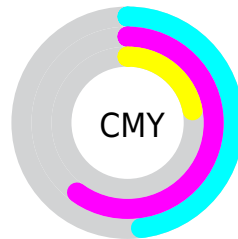


Cyan (33%)

Magenta (48%)

Yellow (0%)

Black (22%)



Cyan (48%)

Magenta (60%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8466C6 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 8466C6 by changing the saturation by 10% instead.



 8466C6

 8466C6

FFFFFF

 694EAA

 BC9AFF

 4E368F

 D8B5FF

 332075

 F5D0FF

 15095C

 FFEDFF

 000044

 00032D

 000117

 000000

 8466C6

 8466C6

 7652C6

 927AC6

 693EC6

 9F8EC6

 5B2BC6

 ADA1C6

 4E17C6

 BAB5C6

 4003C6

 C8C9C6

 3E00C6

 D6DDC6

 E3F1C6

 F1FFC6

 FFFFC6

# Harmonies

## Analogous

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



007AD8



8466C6



B850A0

# Triad

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



8466C6



AD6618



008E7F

# Complementary

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



8466C6



A8C666

# 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.



008B4D



8466C6



867800

# Square

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



8466C6



C75141



538420



008DAF

# Rectangle

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



8466C6



C94780



538420



008D6F



# Sweetspot

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



8466C6



E5D9FF



66A9C6



706980



000000



808080



# Same Dimension

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



8466C6



996BFF



B366C6



5D5A63



3300A3



0B0024



# Inverse Universe

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



C666A8



FF6BD1



79C666



635A60



A30070

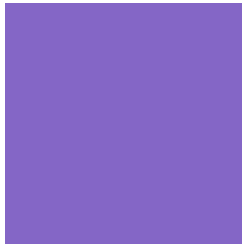


240019



# Previews

## White Background



This preview shows how the Hex color 8466C6 looks on a white background.

## Color Contrast Check

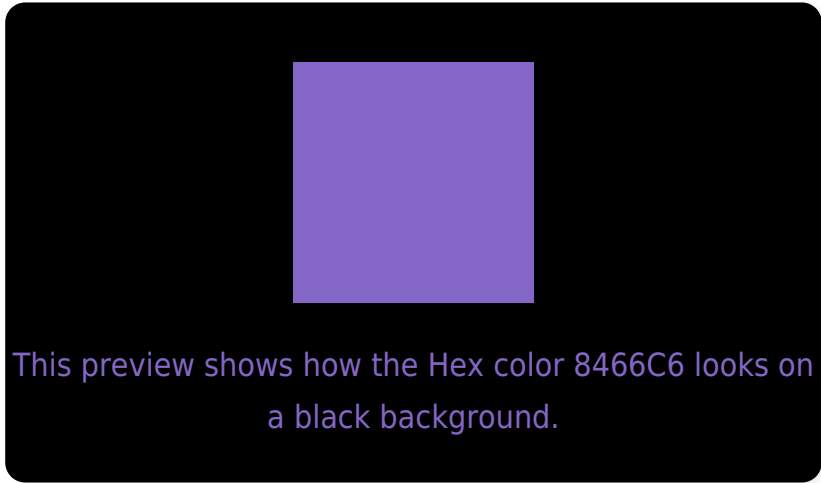
Large Text (above 18pt) WCAG AA ✓ Pass

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

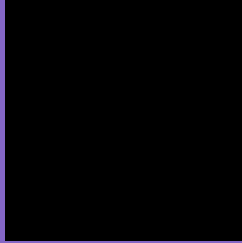
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8466C6 Background



This preview shows how black text looks on a background with the Hex color 8466C6.

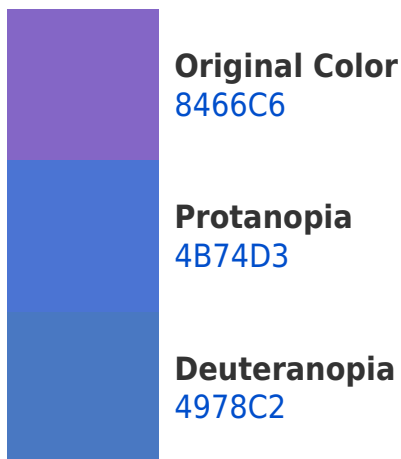


This preview shows how white text looks on a background with the Hex color 8466C6.

# 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**  
767780

# Trichromacy



**Original Color**  
8466C6

**Protanomaly**  
606FCE

**Deuteranomaly**  
5E71C3

**Tritanomaly**  
7B7199

# Monochromacy



**Original Color**  
8466C6

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7E7396

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8466C6 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 #8466C6 looks like.

```
.text, #text, p{  
    color:#8466C6  
}
```

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 #8466C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8466C6
}
```

## Border

The CSS property to change the border of an element to Hex 8466C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

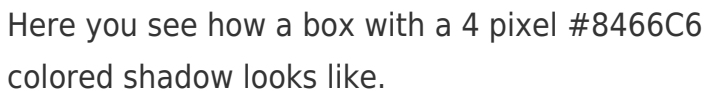
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8466C6 }
```

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

```
.border{ border-color:#8466C6 }
```

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



Here you see how a box with a 4 pixel #8466C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8466C6; -webkit-box-shadow:4px 4px  
4px 4px #8466C6; box-shadow:4px 4px 4px  
4px #8466C6 }
```

# Background

The CSS property to change the background color of an element to Hex 8466C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8466C6 }
```

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

```
.background{ background-color:#8466C6 }
```

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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