

# Converting Colors

Hex(8685B0)

Have a look what the booklet for  
Hex(8685B0) contains.

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# **Color**

**Hex(8685B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8685B0
RGB	134, 133, 176
RGB Percent	53%, 52%, 69%
CMY	0.4745, 0.4784, 0.3098
CMYK	0.24, 0.24, 0.00, 0.31
HSL	241°, 21%, 61%
HSV	241°, 24%, 69%
XYZ	26.0555, 24.9780, 44.5223
YIQ	138.2010, -13.2070, 13.5850

# Conversions

## Conversions Part 2

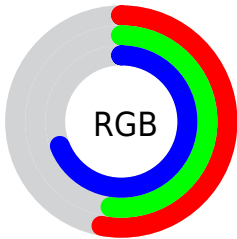
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 133, 176
Decimal	8816048
CIELab	57.05, 9.92, -22.49
CIELCh	57, 24.581, 293.796
Yxy	24.9780, 0.2727, 0.2614
Android (android.graphics.Color)	4287006128 (0xFF8685B0)
YUV	138.2010, 18.6349, -3.6843
Hunter-Lab	49.9780, 5.5977, -17.8332

# Details

The Hex color **8685B0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AFB085**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BCBAE8**, and **53547B** is the 20% darker color. If you saturate the color by 10%, you get **7573B0**, and if you desaturate by 10%, it is **9797B0**.

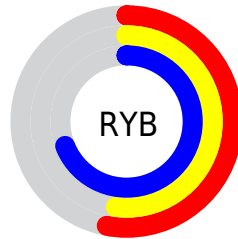
# Distribution



Red (53%)

Green (52%)

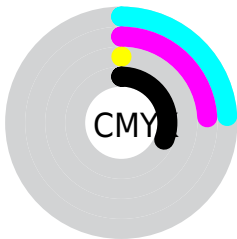
Blue (69%)



Red (53%)

Yellow (52%)

Blue (69%)

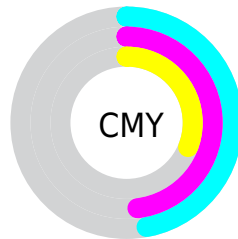


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (48%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8685B0 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 8685B0 by changing the saturation by 10% instead.



8685B0

8685B0

FFFFFF

6C6C95

BCBAE8

53547B

D8D6FF

3B3D62

F4F2FF

24274A

0C1333

00021E

000000

8685B0

8685B0

7573B0

9797B0

6462B0

A8A8B0

5250B0

BABAB0

413FB0

CBCBB0

302DB0

DCDDB0

1F1BB0

EDEFB0

0E0AB0

FEFFB0

0400B0

FFFFB0

# Harmonies

## Analogous

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



678CB3



8685B0



A07EA2

# Triad

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



8685B0



AD7F67



569584

# Complementary

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



8685B0



AFB085

# 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.



6E926F



8685B0



9C865E

# Square

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



8685B0



B47A79



868D61



469599

# Rectangle

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



8685B0



AC7A95



868D61



5D947C



# Sweetspot

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



8685B0



D6D5E6



85AFB0



6A6A73



F2F2F2



737373



# Same Dimension

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



8685B0



A4A3E6



9B85B0



515059



040099



01001A



# Inverse Universe

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



B085AF



E6A3E4



9AB085



595059



990095



1A0019



# Previews

## White Background



This preview shows how the Hex color 8685B0 looks on a white background.

## Color Contrast Check

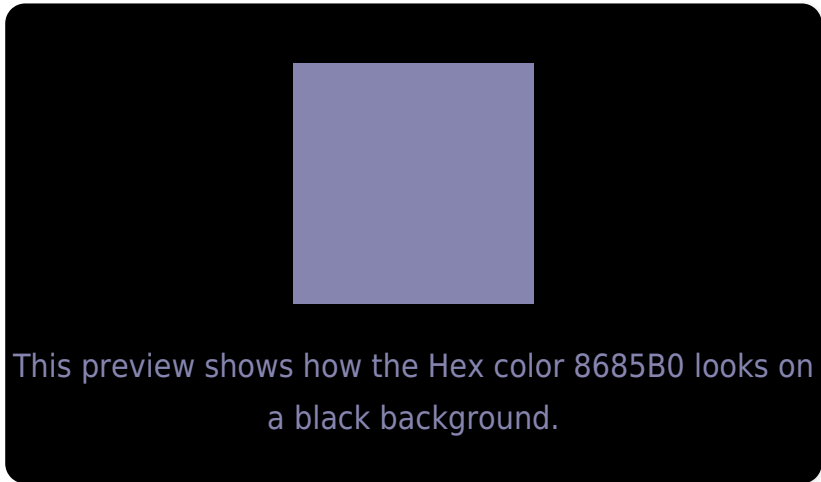
Large Text (above 18pt) WCAG AA ✓ Pass

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

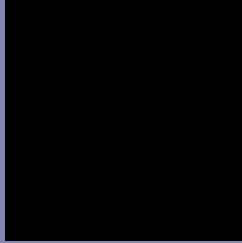
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8685B0 Background



This preview shows how black text looks on a background with the Hex color 8685B0.



This preview shows how white text looks on a background with the Hex color 8685B0.

# 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](#).

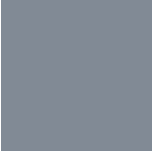
## Dichromacy



**Original Color**  
8685B0

**Protanopia**  
7E87B2

**Deuteranopia**  
8286B0



**Tritanopia**  
818A95

# Trichromacy



**Original Color**  
8685B0

**Protanomaly**  
8186B1

**Deuteranomaly**  
8386B0

**Tritanomaly**  
83889F

# Monochromacy



**Original Color**  
8685B0

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
898898

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8685B0 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 #8685B0 looks like.

```
.text, #text, p{  
    color:#8685B0  
}
```

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 #8685B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8685B0
}
```

## Border

The CSS property to change the border of an element to Hex 8685B0 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
#8685B0 }
```

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

```
.border{ border-color:#8685B0 }
```

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

Here you see how a box with a 4 pixel #8685B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8685B0; -webkit-box-shadow:4px 4px  
4px 4px #8685B0; box-shadow:4px 4px 4px  
4px #8685B0 }
```

# Background

The CSS property to change the background color of an element to Hex 8685B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8685B0 }
```

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

```
.background{ background-color:#8685B0 }
```

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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