

# Converting Colors

Hex(8679B6)

Have a look what the booklet for  
Hex(8679B6) contains.

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# Color

**Hex(8679B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8679B6
RGB	134, 121, 182
RGB Percent	53%, 47%, 71%
CMY	0.4745, 0.5255, 0.2863
CMYK	0.26, 0.34, 0.00, 0.29
HSL	253°, 29%, 59%
HSV	253°, 34%, 71%
XYZ	25.1124, 22.1205, 47.2021
YIQ	131.8410, -11.8330, 21.7270

# Conversions

## Conversions Part 2

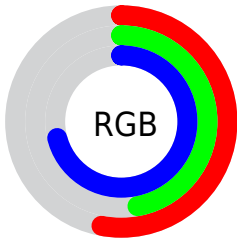
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 121, 182
Decimal	8812982
CIELab	54.15, 18.45, -30.41
CIELCh	54, 35.569, 301.242
Yxy	22.1205, 0.2659, 0.2342
Android (android.graphics.Color)	4287003062 (0xFF8679B6)
YUV	131.8410, 24.7284, 1.8934
Hunter-Lab	47.0324, 13.0012, -26.5812

# Details

The Hex color **8679B6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9B679**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BCADEE**, and **534881** is the 20% darker color. If you saturate the color by 10%, you get **7867B6**, and if you desaturate by 10%, it is **948BB6**.

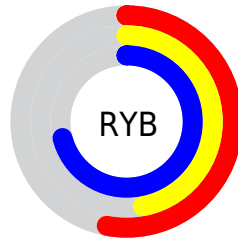
# Distribution



Red (53%)

Green (47%)

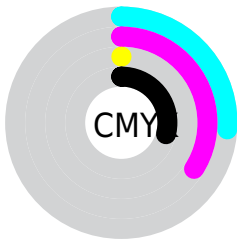
Blue (71%)



Red (53%)

Yellow (47%)

Blue (71%)

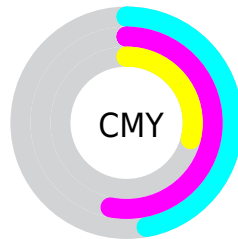


Cyan (26%)

Magenta (34%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (53%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8679B6 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 8679B6 by changing the saturation by 10% instead.



8679B6

8679B6

FFFFFF

6C609B

BCADEE

534881

D8C9FF

3A3267

F5E5FF

211D4F

0A0538

000222

000008

000000

8679B6

8679B6

 7867B6

 948BB6

 6955B6

 A39DB6

 5B42B6

 B1B0B6

 4D30B6

 BFC2B6

 3E1EB6

 CED4B6

 300CB6

 DCE6B6

 2700B6

 EAF8B6

 F9FFB6

 FFFFB6

# Harmonies

## Analogous

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



5384BF



8679B6



A96EA0

# Triad

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



8679B6



AC754C



119182

# Complementary

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



8679B6



A9B679

# 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.



4E8F63



8679B6



938043

# Square

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



8679B6



BB6C63



74894C



0091A0

# Rectangle

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



8679B6



B76A8C



74894C



2C9177



# Sweetspot

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



8679B6



DAD5ED



79AAB6



6D6978



F7F7F7



787878



# Same Dimension

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



8679B6



A38EED



A479B6



55535C



21009C



06001C



# Inverse Universe

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



B679A9



ED8ED9



8BB679



5C535A



9C007A



1C0016



# Previews

## White Background



This preview shows how the Hex color 8679B6 looks on a white background.

## Color Contrast Check

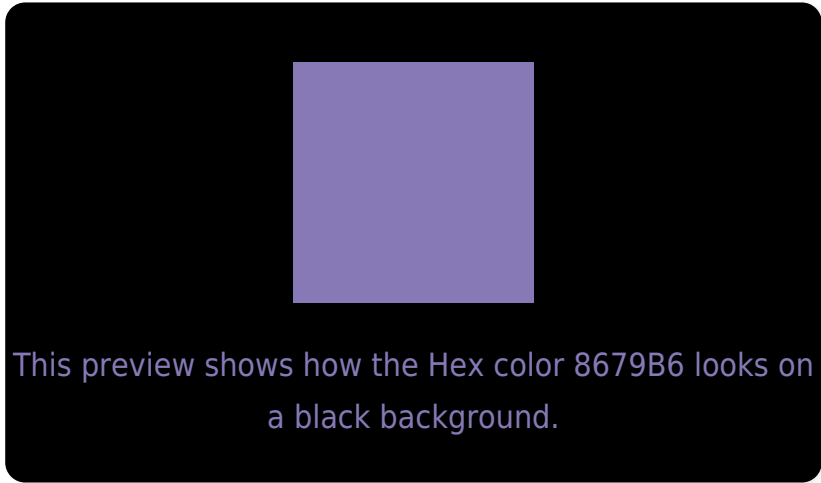
Large Text (above 18pt) WCAG AA ✓ Pass

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

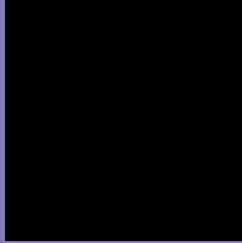
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8679B6 Background



This preview shows how black text looks on a background with the Hex color 8679B6.



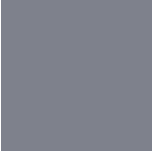
This preview shows how white text looks on a background with the Hex color 8679B6.

# 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**  
7E818C

# Trichromacy



**Original Color**  
8679B6

**Protanomaly**  
777DB9

**Deuteranomaly**  
787DB5

**Tritanomaly**  
817E9B

# Monochromacy



**Original Color**  
8679B6

**Achromatopsia**  
848484

**Achromatomaly**  
858096

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8679B6 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 #8679B6 looks like.

```
.text, #text, p{  
    color:#8679B6  
}
```

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 #8679B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8679B6
}
```

## Border

The CSS property to change the border of an element to Hex 8679B6 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
#8679B6 }
```

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

```
.border{ border-color:#8679B6 }
```

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

Here you see how a box with a 4 pixel #8679B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8679B6; -webkit-box-shadow:4px 4px  
4px 4px #8679B6; box-shadow:4px 4px 4px  
4px #8679B6 }
```

# Background

The CSS property to change the background color of an element to Hex 8679B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8679B6 }
```

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

```
.background{ background-color:#8679B6 }
```

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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