

# Converting Colors

Hex(85759B)

Have a look what the booklet for  
Hex(85759B) contains.

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# Color

**Hex(85759B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85759B
RGB	133, 117, 155
RGB Percent	52%, 46%, 61%
CMY	0.4784, 0.5412, 0.3922
CMYK	0.14, 0.25, 0.00, 0.39
HSL	265°, 16%, 53%
HSV	265°, 25%, 61%
XYZ	21.9506, 20.0757, 33.7284
YIQ	126.1160, -2.6620, 15.2100

# Conversions

## Conversions Part 2

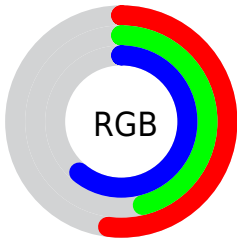
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 117, 155
Decimal	8746395
CIE <sub>Lab</sub>	51.92, 13.99, -18.22
CIE <sub>LCh</sub>	52, 22.971, 307.534
Yxy	20.0757, 0.2898, 0.2650
Android (android.graphics.Color)	4286936475 (0xFF85759B)
YUV	126.1160, 14.2398, 6.0373
Hunter-Lab	44.8059, 9.0374, -13.2675

# Details

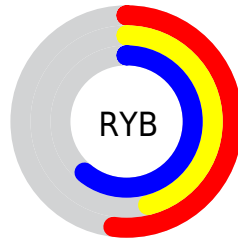
The Hex color **85759B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B9B75**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BAA9D2**, and **534568** is the 20% darker color. If you saturate the color by 10%, you get **7C659B**, and if you desaturate by 10%, it is **8E849B**.

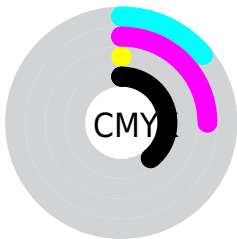
# Distribution



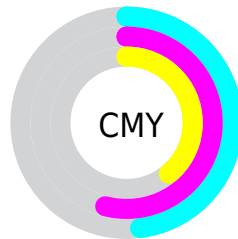
- Red (52%)
- Green (46%)
- Blue (61%)



- Red (52%)
- Yellow (46%)
- Blue (61%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (39%)



- Cyan (48%)
- Magenta (54%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85759B 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 85759B by changing the saturation by 10% instead.



■ 85759B

■ 85759B

FFFFFF

■ 6C5C81

■ BAA9D2

■ 534568

■ D6C4EE

■ 3B2E50

■ F3E0FF

■ 251938

■ FFFDFF

■ 130023

■ 00000A

■ 000000

■ 85759B

■ 85759B

■ 7C659B

■ 8E849B

73569B

97949B

6A469B

A0A49B

61379B

A9B39B

58289B

B2C39B

4F189B

BBD29B

46089B

C4E29B

41009B

CDF19B

D6FF9B

# Harmonies

## Analogous

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



6A7CA2



85759B



996F8B

# Triad

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



85759B



977658



458780

# Complementary

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



85759B



8B9B75

# 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.



58856C



85759B



857C55

# Square

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



85759B



A17065



6F825C



3E8693

# Rectangle

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



85759B



A16D7E



6F825C



4A8779



# Sweetspot

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



85759B



C1BBC9



758B9B



615E66



E6E6E6



666666



# Same Dimension

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



85759B



A88FC9



98759B



48454D



3B008C



05000D



# Inverse Universe

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



9B758B



C98FB1



789B75



4D4549



8C0051

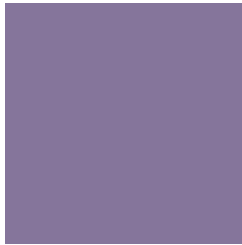


0D0007



# Previews

## White Background



This preview shows how the Hex color 85759B looks on a white background.

## Color Contrast Check

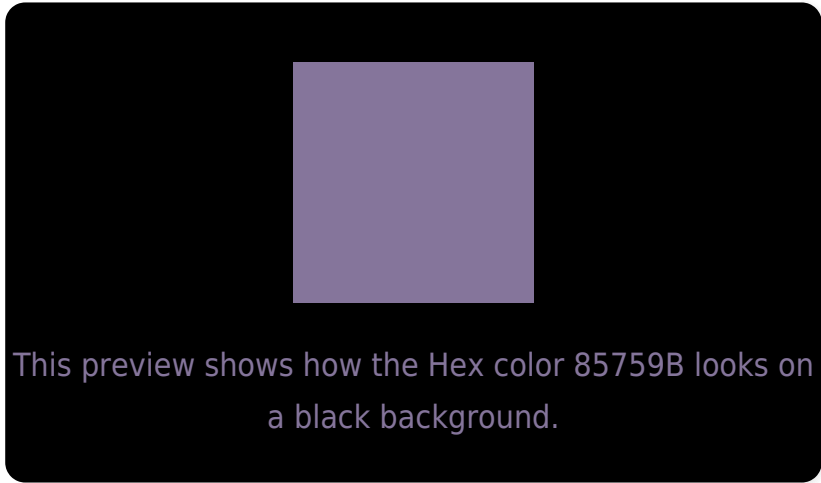
Large Text (above 18pt) WCAG AA ✓ Pass

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

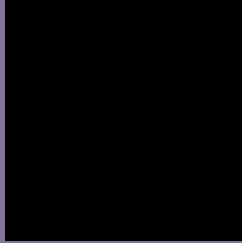
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 85759B Background



This preview shows how black text looks on a background with the Hex color 85759B.

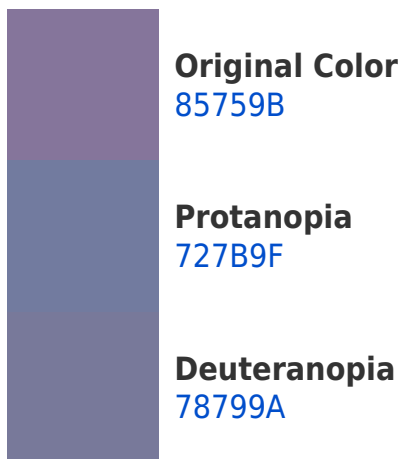


This preview shows how white text looks on a background with the Hex color 85759B.

# 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**  
817983

# Trichromacy



**Original Color**  
85759B

**Protanomaly**  
79799E

**Deuteranomaly**  
7D789A

**Tritanomaly**  
82788C

# Monochromacy



**Original Color**  
85759B

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
817B89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85759B 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 #85759B looks like.

```
.text, #text, p{  
    color:#85759B  
}
```

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 #85759B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85759B
}
```

## Border

The CSS property to change the border of an element to Hex 85759B 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
#85759B }
```

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

```
.border{ border-color:#85759B }
```

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

Here you see how a box with a 4 pixel #85759B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85759B; -webkit-box-shadow:4px 4px  
4px 4px #85759B; box-shadow:4px 4px 4px  
4px #85759B }
```

# Background

The CSS property to change the background color of an element to Hex 85759B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85759B }
```

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

```
.background{ background-color:#85759B }
```

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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