

# Converting Colors

Hex(8585BC)

Have a look what the booklet for  
Hex(8585BC) contains.

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# Color

Hex(8585BC)

# Conversions

## Conversions Part 1

Format	Color
Hex	8585BC
RGB	133, 133, 188
RGB Percent	52%, 52%, 74%
CMY	0.4784, 0.4784, 0.2627
CMYK	0.29, 0.29, 0.00, 0.26
HSL	240°, 29%, 63%
HSV	240°, 29%, 74%
XYZ	27.1375, 25.3924, 51.0479
YIQ	139.2700, -17.6550, 17.1050

# Conversions

## Conversions Part 2

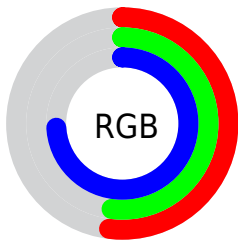
Format	Color
<a href="#">RYB</a>	<a href="#">133, 133, 188</a>
Decimal	<a href="#">8750524</a>
CIELab	<a href="#">57.46, 12.62, -28.72</a>
CIELCh	<a href="#">57, 31.373, 293.721</a>
Yxy	<a href="#">25.3924, 0.2620, 0.2452</a>
Android (android.graphics.Color)	<a href="#">4286940604</a> ( <a href="#">0xFF8585BC</a> )
YUV	<a href="#">139.2700, 24.0239, -5.4988</a>
Hunter-Lab	<a href="#">50.3909, 7.9452, -24.7893</a>

# Details

The Hex color **8585BC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BCBC85**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **BBBAF4**, and **525486** is the 20% darker color. If you saturate the color by 10%, you get **7272BC**, and if you desaturate by 10%, it is **9898BC**.

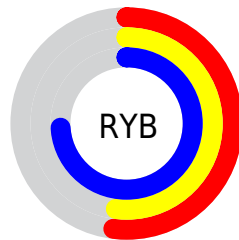
# Distribution



Red (52%)

Green (52%)

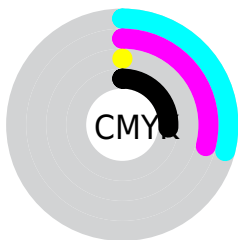
Blue (74%)



Red (52%)

Yellow (52%)

Blue (74%)

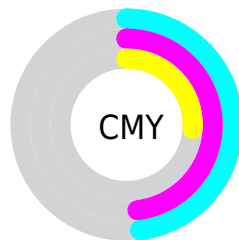


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (48%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8585BC 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 8585BC by changing the saturation by 10% instead.





8585BC



8585BC

FFFFFF



6B6CA1



BBBAF4



525486



D7D6FF



393D6D



F4F2FF



202754



04133D



000127



000110



000000



8585BC



8585BC

 7272BC

 9898BC

 5F5FBC

 ABABBC

 4D4DBC

 BDBDBC

 3A3ABC

 D0D0BC

 2727BC

 E3E3BC

 1414BC

 F6F6BC

 0101BC

 FFFFBC

 0000BC

# Harmonies

## Analogous

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



598EC0



8585BC



A77BAB

# Triad

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



8585BC



B67D5F



439883

# Complementary

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



8585BC



BCBC85

# 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.



669569



8585BC



A18653

# Square

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



8585BC



BF7675



868F57



20989F

# Rectangle

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



8585BC



B6779A



868F57



4F987A



# Sweetspot

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



8585BC



DFDF5



85BCBC



6D6D7A



FAFAFA



7A7A7A



# Same Dimension

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



8585BC



9F9FF5



A185BC



55555E



00009E



00001F



# Inverse Universe

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



BC85BC



F59FF5



A1BC85



5E555E



9E009E

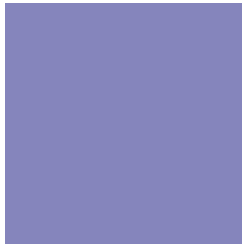


1F001F



# Previews

## White Background



This preview shows how the Hex color 8585BC looks on a white background.

## Color Contrast Check

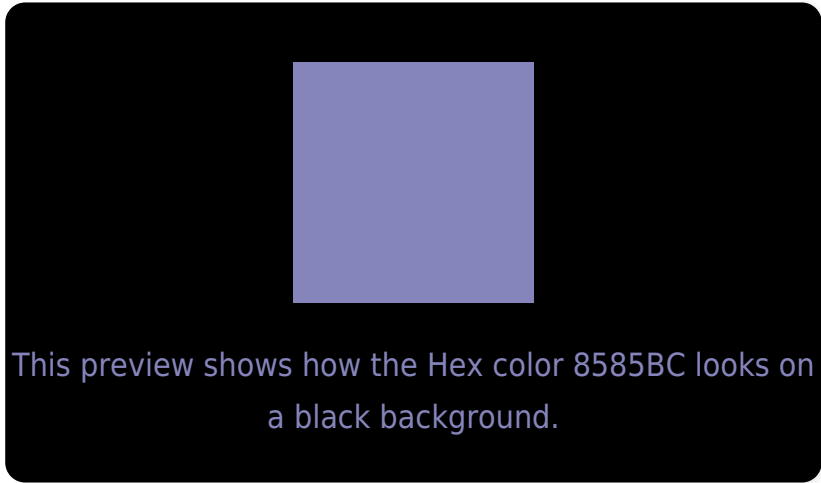
Large Text (above 18pt) WCAG AA ✓ Pass

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

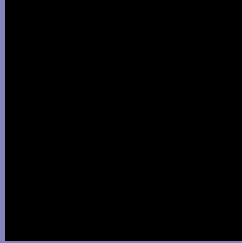
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8585BC Background



This preview shows how black text looks on a background with the Hex color 8585BC.



This preview shows how white text looks on a background with the Hex color 8585BC.

# 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**  
8585BC

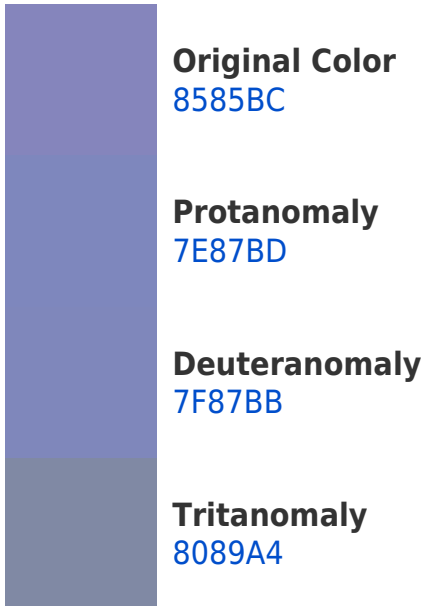
**Protanopia**  
7A88BE

**Deuteranopia**  
7B88BB

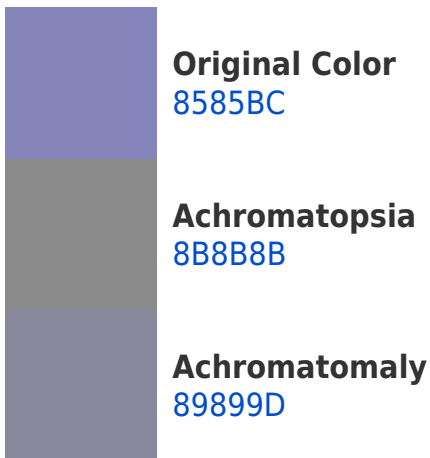


**Tritanopia**  
7D8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8585BC 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 #8585BC looks like.

```
.text, #text, p{  
    color:#8585BC  
}
```

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 #8585BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8585BC
}
```

## Border

The CSS property to change the border of an element to Hex 8585BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

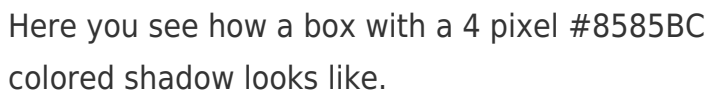
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8585BC }
```

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

```
.border{ border-color:#8585BC }
```

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



Here you see how a box with a 4 pixel #8585BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8585BC; -webkit-box-shadow:4px 4px  
4px 4px #8585BC; box-shadow:4px 4px 4px  
4px #8585BC }
```

# Background

The CSS property to change the background color of an element to Hex 8585BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8585BC }
```

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

```
.background{ background-color:#8585BC }
```

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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