

# Converting Colors

Hex(8787B0)

Have a look what the booklet for  
Hex(8787B0) contains.

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# **Color**

**Hex(8787B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8787B0
RGB	135, 135, 176
RGB Percent	53%, 53%, 69%
CMY	0.4706, 0.4706, 0.3098
CMYK	0.23, 0.23, 0.00, 0.31
HSL	240°, 21%, 61%
HSV	240°, 23%, 69%
XYZ	26.4921, 25.6134, 44.6219
YIQ	139.6740, -13.1610, 12.7510

# Conversions

## Conversions Part 2

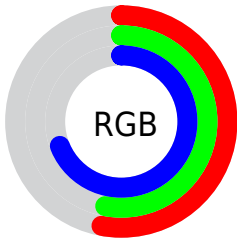
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 135, 176</a>
Decimal	<a href="#">8882096</a>
CIELab	<a href="#">57.67, 9.07, -21.54</a>
CIElCh	<a href="#">58, 23.376, 292.842</a>
Yxy	<a href="#">25.6134, 0.2739, 0.2648</a>
Android (android.graphics.Color)	<a href="#">4287072176 (0xFF8787B0)</a>
YUV	<a href="#">139.6740, 17.9087, -4.0991</a>
Hunter-Lab	<a href="#">50.6097, 4.8705, -16.8484</a>

# Details

The Hex color **8787B0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B0B087**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BDBCE8**, and **54557B** is the 20% darker color. If you saturate the color by 10%, you get **7575B0**, and if you desaturate by 10%, it is **9999B0**.

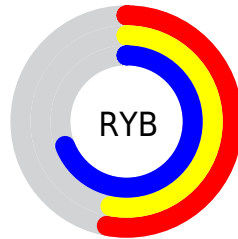
# Distribution



Red (53%)

Green (53%)

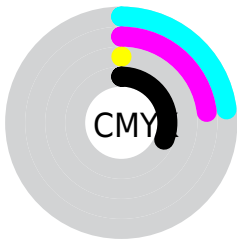
Blue (69%)



Red (53%)

Yellow (53%)

Blue (69%)

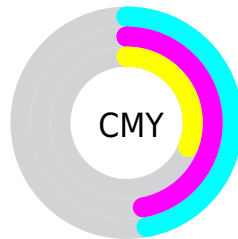


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (47%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8787B0 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 8787B0 by changing the saturation by 10% instead.





8787B0



8787B0

FFFFFF



6D6E95



BDBCE8



54557B



D9D8FF



3C3E62



F5F4FF



25294A



0E1433



00021E



000001



000000



8787B0



8787B0

 7575B0

 9999B0

 6464B0

 AAAAB0

 5252B0

 BCBCB0

 4141B0

 CDCDB0

 2F2FB0

 DFDFB0

 1D1DB0

 F1F1B0

 0C0CB0

 FFFFB0

 0000B0

# Harmonies

## Analogous

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



6A8EB3



8787B0



A080A3

# Triad

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



8787B0



AD816B



5B9685

# Complementary

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



8787B0



B0B087

# 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.



719371



8787B0



9E8862

# Square

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



8787B0



B47C7C



898E65



4D969A

# Rectangle

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



8787B0



AC7D97



898E65



62957E



# Sweetspot

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



8787B0



D5D5E6



87B0B0



6A6A73



F2F2F2



737373



# Same Dimension

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



8787B0



A5A5E6



9C87B0



505059



000099



00001A



# Inverse Universe

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



B087B0



E6A5E6



9CB087



595059



990099



1A001A



# Previews

## White Background



This preview shows how the Hex color 8787B0 looks on a white background.

## Color Contrast Check

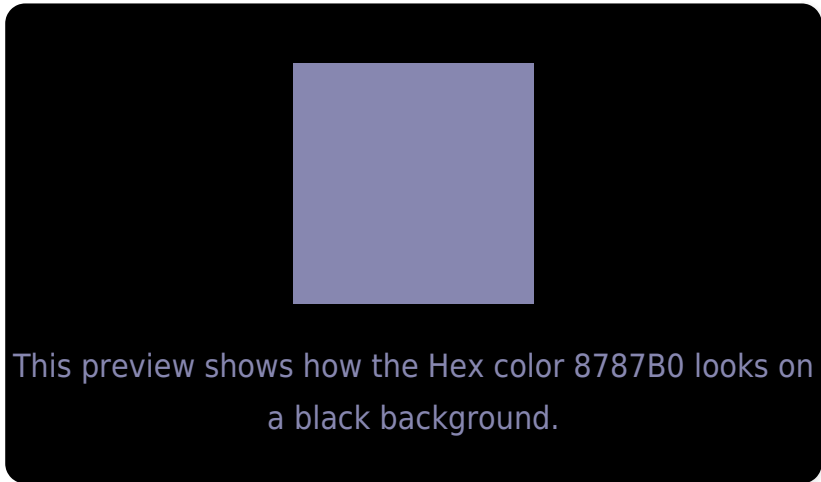
Large Text (above 18pt) WCAG AA ✓ Pass

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

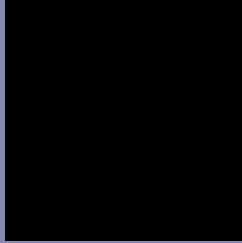
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8787B0 Background



This preview shows how black text looks on a background with the Hex color 8787B0.



This preview shows how white text looks on a background with the Hex color 8787B0.

# 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**  
8787B0

**Protanopia**  
8089B1

**Deuteranopia**  
8488B0



**Tritanopia**  
828C97

# Trichromacy



**Original Color**  
8787B0

**Protanomaly**  
8388B1

**Deuteranomaly**  
8588B0

**Tritanomaly**  
848AA0

# Monochromacy



**Original Color**  
8787B0

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
8A8A99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8787B0 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 #8787B0 looks like.

```
.text, #text, p{  
    color:#8787B0  
}
```

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 #8787B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8787B0
}
```

## Border

The CSS property to change the border of an element to Hex 8787B0 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
#8787B0 }
```

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

```
.border{ border-color:#8787B0 }
```

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

Here you see how a box with a 4 pixel #8787B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8787B0; -webkit-box-shadow:4px 4px  
4px 4px #8787B0; box-shadow:4px 4px 4px  
4px #8787B0 }
```

# Background

The CSS property to change the background color of an element to Hex 8787B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8787B0 }
```

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

```
.background{ background-color:#8787B0 }
```

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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