

# Converting Colors

Hex(8C87BD)

Have a look what the booklet for  
Hex(8C87BD) contains.

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# **Color**

**Hex(8C87BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C87BD
RGB	140, 135, 189
RGB Percent	55%, 53%, 74%
CMY	0.4510, 0.4706, 0.2588
CMYK	0.26, 0.29, 0.00, 0.26
HSL	246°, 29%, 64%
HSV	246°, 29%, 74%
XYZ	28.6645, 26.5775, 51.7633
YIQ	142.6510, -14.3540, 17.8540

# Conversions

## Conversions Part 2

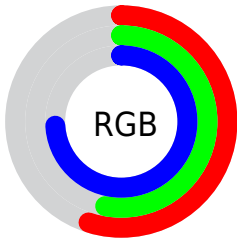
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 135, 189
Decimal	9209789
CIELab	58.58, 13.83, -27.50
CIELCh	59, 30.788, 296.699
Yxy	26.5775, 0.2679, 0.2484
Android (android.graphics.Color)	4287399869 (0xFF8C87BD)
YUV	142.6510, 22.8501, -2.3249
Hunter-Lab	51.5534, 9.0304, -23.4440

# Details

The Hex color **8C87BD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B8BD87**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C2BCF5**, and **585587** is the 20% darker color. If you saturate the color by 10%, you get **7B74BD**, and if you desaturate by 10%, it is **9D9ABD**.

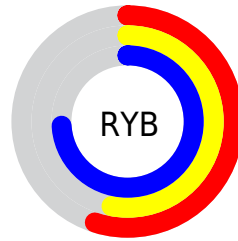
# Distribution



Red (55%)

Green (53%)

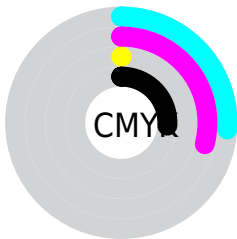
Blue (74%)



Red (55%)

Yellow (53%)

Blue (74%)

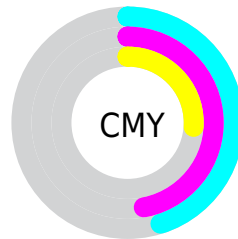


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (47%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C87BD 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 8C87BD by changing the saturation by 10% instead.



■ 8C87BD

■ 8C87BD

FFFFFF

■ 726EA2

■ C2BCF5

■ 585587

■ DFD8FF

■ 403E6E

■ FCF4FF

■ 282855

■ 0E143E

■ 000028

■ 000111

■ 000000

■ 8C87BD

■ 8C87BD

7B74BD

9D9ABD

6A61BD

AEADBD

594EBD

BFC0BD

473BBB

D1D3BD

3628BD

E2E6BD

2516BD

F3F8BD

1403BD

FFFFBD

1100BD

# Harmonies

## Analogous

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



6290C2



8C87BD



AC7EAB

# Triad

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



8C87BD



B78161



449B89

# Complementary

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



8C87BD



B8BD87

# 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.



67986E



8C87BD



A28A57

# Square

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



8C87BD



C17A76



86935C



289BA4

# Rectangle

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



8C87BD



BA799A



86935C



509B80



# Sweetspot

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



8C87BD



E1DFF5



87B9BD



6E6D7A



FAFAFA



7A7A7A



# Same Dimension

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



8C87BD



A9A2F5



A687BD



56555E



0F009E



03001F



# Inverse Universe

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



BD87B8



F5A2ED



9EBD87



5E555D



9E008F

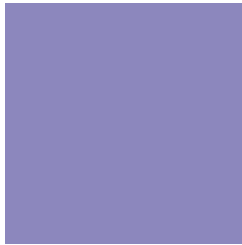


1F001C



# Previews

## White Background



This preview shows how the Hex color 8C87BD looks on a white background.

## Color Contrast Check

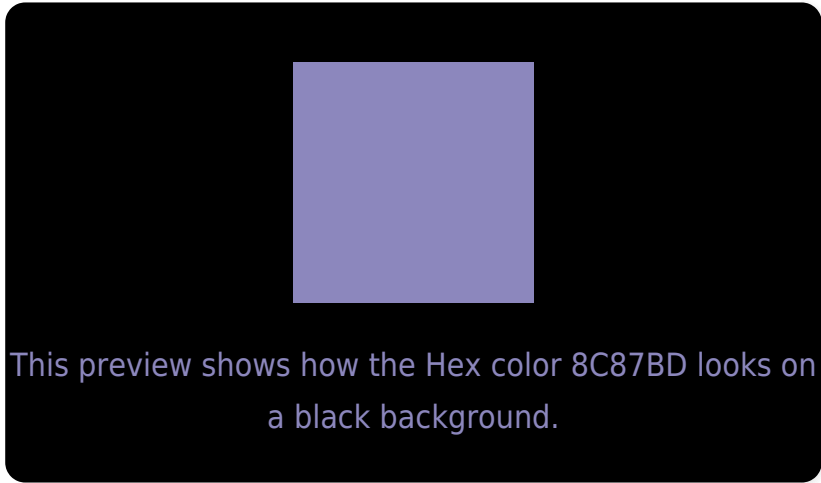
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C87BD Background



This preview shows how black text looks on a background with the Hex color 8C87BD.



This preview shows how white text looks on a background with the Hex color 8C87BD.

# 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](#).

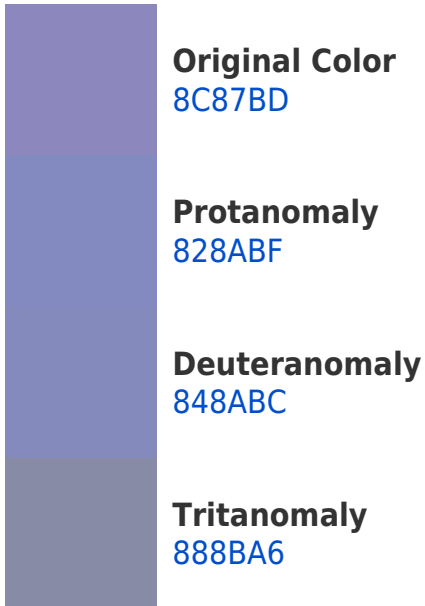
## Dichromacy



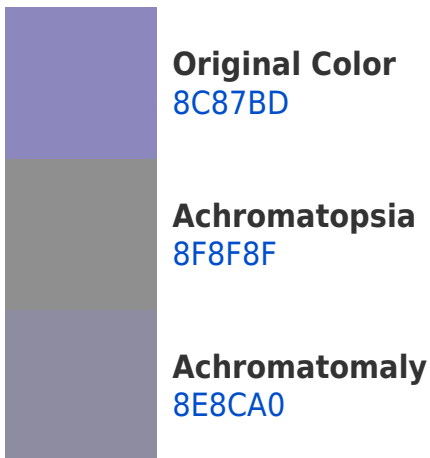


**Tritanopia**  
858E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C87BD 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 #8C87BD looks like.

```
.text, #text, p{  
    color:#8C87BD  
}
```

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 #8C87BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C87BD
}
```

## Border

The CSS property to change the border of an element to Hex 8C87BD 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
#8C87BD }
```

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

```
.border{ border-color:#8C87BD }
```

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

Here you see how a box with a 4 pixel #8C87BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C87BD; -webkit-box-shadow:4px 4px  
4px 4px #8C87BD; box-shadow:4px 4px 4px  
4px #8C87BD }
```

# Background

The CSS property to change the background color of an element to Hex 8C87BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C87BD }
```

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

```
.background{ background-color:#8C87BD }
```

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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