

# Converting Colors

Hex(8B86BB)

Have a look what the booklet for  
Hex(8B86BB) contains.

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# **Color**

**Hex(8B86BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B86BB
RGB	139, 134, 187
RGB Percent	55%, 53%, 73%
CMY	0.4549, 0.4745, 0.2667
CMYK	0.26, 0.28, 0.00, 0.27
HSL	246°, 28%, 63%
HSV	246°, 28%, 73%
XYZ	28.1422, 26.1270, 50.5735
YIQ	141.5370, -14.0330, 17.5430

# Conversions

## Conversions Part 2

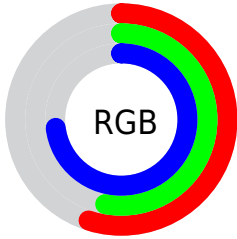
Format	Color
<a href="#">RYB</a>	<a href="#">139, 134, 187</a>
Decimal	<a href="#">9143995</a>
CIELab	<a href="#">58.16, 13.61, -27.03</a>
CIELCh	<a href="#">58, 30.264, 296.727</a>
Yxy	<a href="#">26.1270, 0.2684, 0.2492</a>
Android (android.graphics.Color)	<a href="#">4287334075 (0xFF8B86BB)</a>
YUV	<a href="#">141.5370, 22.4133, -2.2249</a>
Hunter-Lab	<a href="#">51.1146, 8.8263, -22.8821</a>

# Details

The Hex color **8B86BB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B6BB86**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **C1BBF3**, and **585486** is the 20% darker color. If you saturate the color by 10%, you get **7A73BB**, and if you desaturate by 10%, it is **9C99BB**.

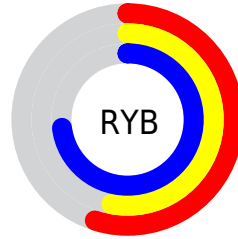
# Distribution



Red (55%)

Green (53%)

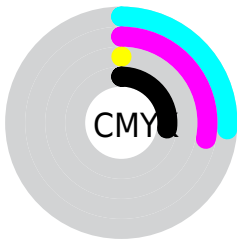
Blue (73%)



Red (55%)

Yellow (53%)

Blue (73%)

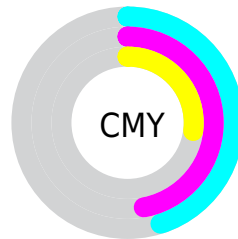


Cyan (26%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (47%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B86BB 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 8B86BB by changing the saturation by 10% instead.



■ 8B86BB

■ 8B86BB

FFFFFF

■ 716DA0

■ C1BBF3

■ 585486

■ DED7FF

■ 3F3D6C

■ FAF3FF

■ 272854

■ 0E133C

■ 000026

■ 00010F

■ 000000

■ 8B86BB

■ 8B86BB

 7A73BB

 9C99BB

 6961BB

 ADABBB

 584EBB

 BEBEBB

 473BBB

 CFD1BB

 3629BB

 E0E4BB

 2516BB

 F1F6BB

 1403BB

 FFFFBB

 1200BB

# Harmonies

## Analogous

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



628FC0



8B86BB



AB7DA9

# Triad

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



8B86BB



B58060



459A88

# Complementary

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



8B86BB



B6BB86

# 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.



66976E



8B86BB



A08957

# Square

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



8B86BB



BF7975



85915C



2A9AA3

# Rectangle

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



8B86BB



B87999



85915C



50997F



# Sweetspot

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



8B86BB



DFDCF2



86B7BB



6E6D7A



FAFAFA



7A7A7A



# Same Dimension

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



8B86BB



A8A0F2



A586BB



56555E



0F009E



03001F



# Inverse Universe

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



BB86B6



F2A0EA



9CBB86



5E555D



9E008F

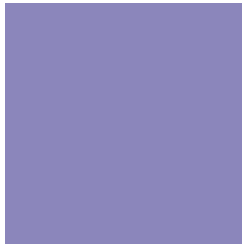


1F001C



# Previews

## White Background



This preview shows how the Hex color 8B86BB looks on a white background.

## Color Contrast Check

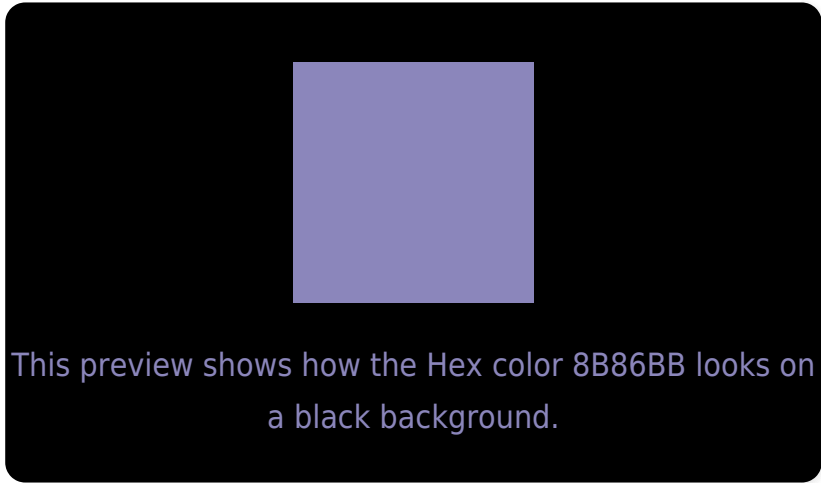
Large Text (above 18pt) WCAG AA ✓ Pass

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

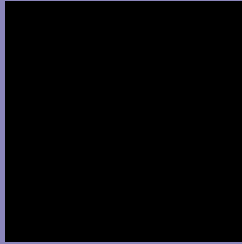
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B86BB Background



This preview shows how black text looks on a background with the Hex color 8B86BB.

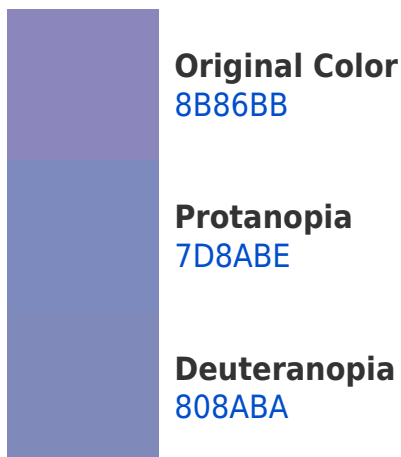


This preview shows how white text looks on a background with the Hex color 8B86BB.

# 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](#).

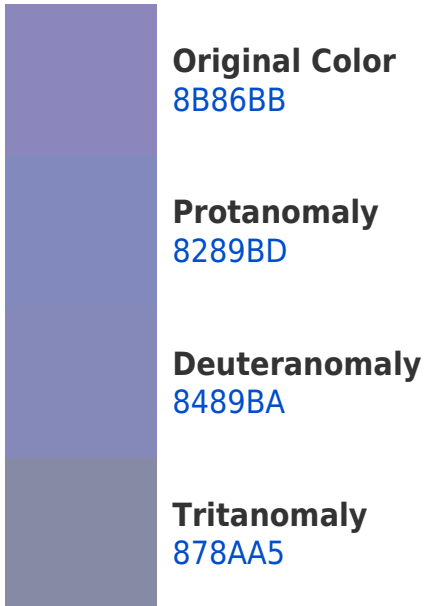
## Dichromacy





**Tritanopia**  
848D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B86BB 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 #8B86BB looks like.

```
.text, #text, p{  
    color:#8B86BB  
}
```

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 #8B86BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B86BB  
}
```

## Border

The CSS property to change the border of an element to Hex 8B86BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

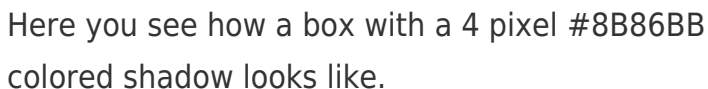
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8B86BB }
```

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

```
.border{ border-color:#8B86BB }
```

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



Here you see how a box with a 4 pixel #8B86BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B86BB; -webkit-box-shadow:4px 4px  
4px 4px #8B86BB; box-shadow:4px 4px 4px  
4px #8B86BB }
```

# Background

The CSS property to change the background color of an element to Hex 8B86BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B86BB }
```

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

```
.background{ background-color:#8B86BB }
```

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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