

# Converting Colors

Hex(818BBE)

Have a look what the booklet for  
Hex(818BBE) contains.

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# Color

**Hex(818BBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	818BBE
RGB	129, 139, 190
RGB Percent	51%, 55%, 75%
CMY	0.4941, 0.4549, 0.2549
CMYK	0.32, 0.27, 0.00, 0.25
HSL	230°, 32%, 63%
HSV	230°, 32%, 75%
XYZ	27.5801, 26.8501, 52.4441
YIQ	141.8240, -22.3310, 13.7410

# Conversions

## Conversions Part 2

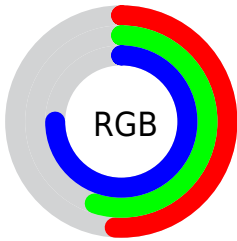
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 138, 190
Decimal	8489918
CIE Lab	58.84, 8.46, -27.75
CIE LCh	59, 29.008, 286.947
Yxy	26.8501, 0.2581, 0.2512
Android (android.graphics.Color)	4286679998 (0xFF818BBE)
YUV	141.8240, 23.7508, -11.2466
Hunter-Lab	51.8171, 4.3286, -23.7356

# Details

The Hex color **818BBE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BEB481**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B7C0F6**, and **4D5988** is the 20% darker color. If you saturate the color by 10%, you get **6E7BBE**, and if you desaturate by 10%, it is **949BBE**.

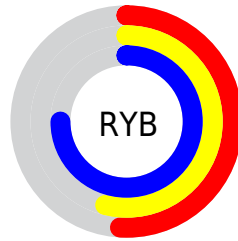
# Distribution



Red (51%)

Green (55%)

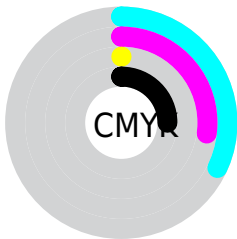
Blue (75%)



Red (51%)

Yellow (54%)

Blue (75%)

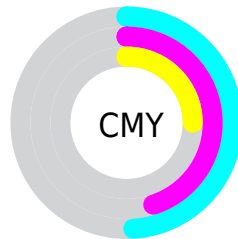


Cyan (32%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (49%)

Magenta (45%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 818BBE 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 818BBE by changing the saturation by 10% instead.



■ 818BBE

■ 818BBE

FFFFFF

■ 6772A3

■ B7C0F6

■ 4D5988

■ D3DCFF

■ 34426F

■ F0F9FF

■ 1B2C56

■ 00183F

■ 000029

■ 000113

■ 000000

■ 818BBE

■ 818BBE

■ 6E7BBE

■ 949BBE

■ 5B6BBE

■ A7ABBE

■ 485BBE

■ BABBBE

■ 354BBE

■ CDCBBE

■ 223CBE

■ E0DABE

■ 0F2CBE

■ F3EABE

■ 001FBE

■ FFFABE

■ FFFFBE

# Harmonies

## Analogous

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



5993BF



818BBE



A382B0

# Triad

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



818BBE



BA8069



559B81

# Complementary

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



818BBE



BEB481

# 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.



74976A



818BBE



A9885C

# Square

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



818BBE



C07B80



90915C



3A9B9B

# Rectangle

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



818BBE



B37DA2



90915C



5F9A79



# Sweetspot

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



818BBE



DFE3F7



81BEB4



6E707D



FCFCFC



7D7D7D



# Same Dimension

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



818BBE



97A7F7



9581BE



55565E



001A9E



00051F



# Inverse Universe

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



BE818B



F797A7



AABE81



5E5556



9E001A

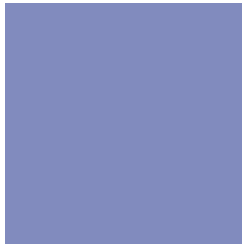


1F0005



# Previews

## White Background



This preview shows how the Hex color 818BBE looks on a white background.

## Color Contrast Check

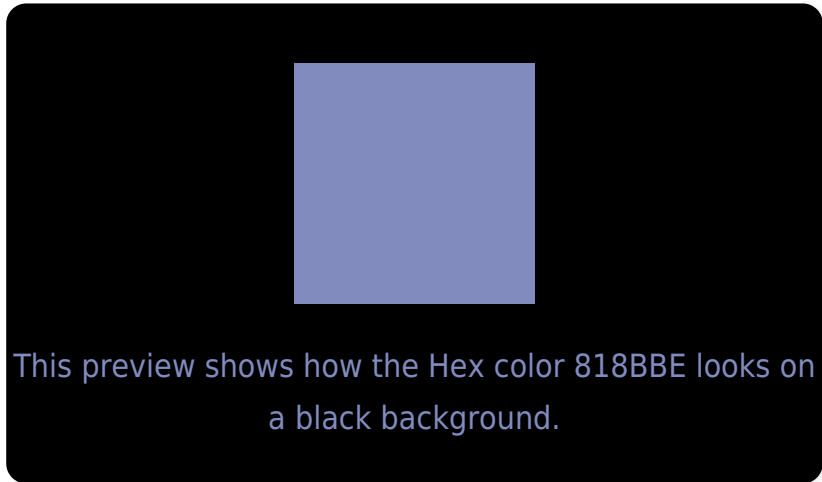
Large Text (above 18pt) WCAG AA ✓ Pass

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

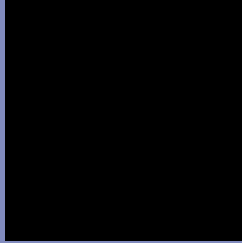
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 818BBE Background



This preview shows how black text looks on a background with the Hex color 818BBE.



This preview shows how white text looks on a background with the Hex color 818BBE.

# 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](#).

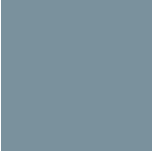
## Dichromacy



**Original Color**  
818BBE

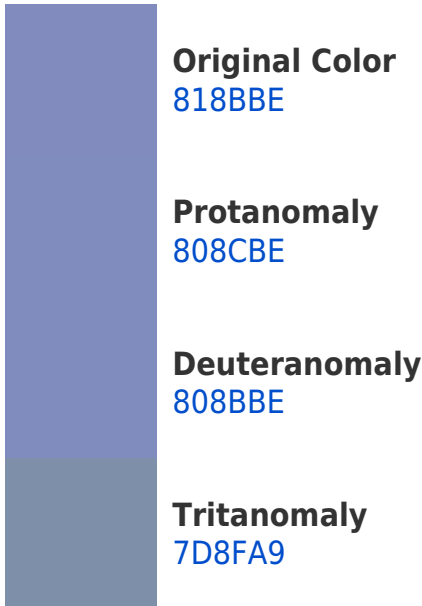
**Protanopia**  
7F8CBE

**Deuteranopia**  
808BBE



**Tritanopia**  
7A919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 818BBE 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 #818BBE looks like.

```
.text, #text, p{  
    color:#818BBE  
}
```

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 #818BBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818BBE
}
```

## Border

The CSS property to change the border of an element to Hex 818BBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

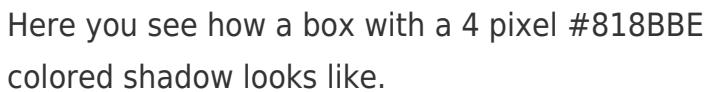
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#818BBE }
```

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

```
.border{ border-color:#818BBE }
```

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



Here you see how a box with a 4 pixel #818BBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818BBE; -webkit-box-shadow:4px 4px  
4px 4px #818BBE; box-shadow:4px 4px 4px  
4px #818BBE }
```

# Background

The CSS property to change the background color of an element to Hex 818BBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818BBE }
```

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

```
.background{ background-color:#818BBE }
```

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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