

# Converting Colors

Hex(8294BF)

Have a look what the booklet for  
Hex(8294BF) contains.

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# **Color**

**Hex(8294BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8294BF
RGB	130, 148, 191
RGB Percent	51%, 58%, 75%
CMY	0.4902, 0.4196, 0.2510
CMYK	0.32, 0.23, 0.00, 0.25
HSL	222°, 32%, 63%
HSV	222°, 32%, 75%
XYZ	29.1998, 29.6872, 53.4814
YIQ	147.5200, -24.5310, 9.5570

# Conversions

## Conversions Part 2

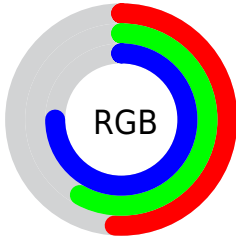
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 144, 191</a>
Decimal	<a href="#">8557759</a>
CIELab	<a href="#">61.38, 3.83, -24.38</a>
CIELCh	<a href="#">61, 24.681, 278.925</a>
Yxy	<a href="#">29.6872, 0.2599, 0.2642</a>
Android (android.graphics.Color)	<a href="#">4286747839 (0xFF8294BF)</a>
YUV	<a href="#">147.5200, 21.4356, -15.3650</a>
Hunter-Lab	<a href="#">54.4860, 0.3102, -20.0567</a>

# Details

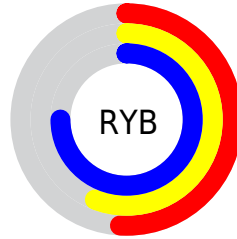
The Hex color **8294BF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BFAD82**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B8CAF7**, and **4E6289** is the 20% darker color. If you saturate the color by 10%, you get **6F87BF**, and if you desaturate by 10%, it is **95A1BF**.

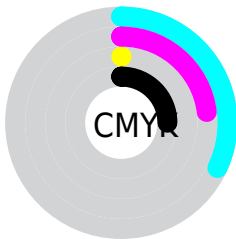
# Distribution



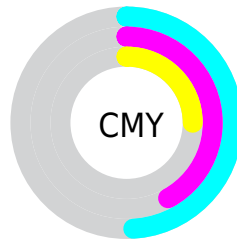
- Red (51%)
- Green (58%)
- Blue (75%)



- Red (51%)
- Yellow (56%)
- Blue (75%)



- Cyan (32%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (49%)
- Magenta (42%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8294BF 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 8294BF by changing the saturation by 10% instead.



■ 8294BF

■ 8294BF

FFFFFF

■ 687AA4

■ B8CAF7

■ 4E6289

■ D4E6FF

■ 354A70

■ F1FFFF

■ 1C3357

■ 001F40

■ 00052A

■ 000114

■ 000000

■ 8294BF

■ 8294BF

6F87BF

95A1BF

5C79BF

A8AFBF

496CBF

BBBCBF

365EBF

CECABF

2251BF

E2D7BF

0F43BF

F5E5BF

0038BF

FFF2BF

FFFFBF

# Harmonies

## Analogous

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



649BBC



8294BF



A08CB6

# Triad

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



8294BF



BE877A



6C9F84

# Complementary

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



8294BF



BFAD82

# 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.



859B72



8294BF



B18E6C

# Square

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



8294BF



C0848E



9D9569



57A09A

# Rectangle

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



8294BF



AF88AB



9D9569



749E7D



# Sweetspot

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



8294BF



DFE6F7



82BFAD



6E727D



FCFCFC



7D7D7D



# Same Dimension

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



8294BF



99B5F7



8E82BF



55585E



002F9E



00091F



# Inverse Universe

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



BF8294



F799B5



B3BF82



5E5558



9E002F

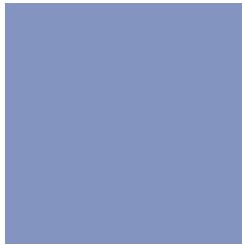


1F0009



# Previews

## White Background



This preview shows how the Hex color 8294BF looks on a white background.

## Color Contrast Check

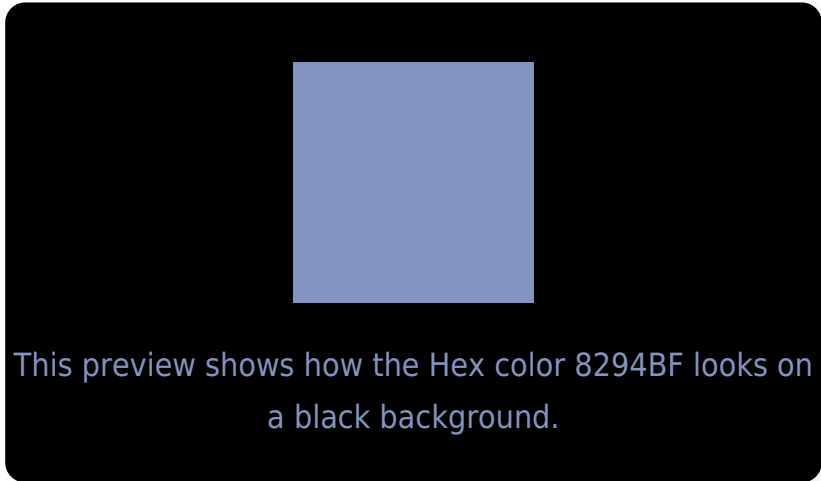
Large Text (above 18pt) WCAG AA ✓ Pass

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

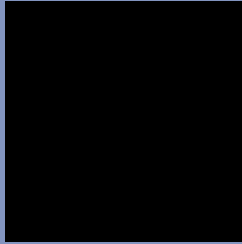
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8294BF Background



This preview shows how black text looks on a background with the Hex color 8294BF.



This preview shows how white text looks on a background with the Hex color 8294BF.

# 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**  
8294BF

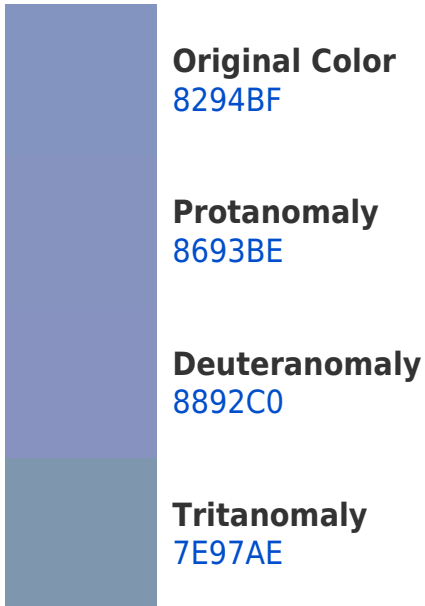
**Protanopia**  
8992BE

**Deuteranopia**  
8B91C0



**Tritanopia**  
7C99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8294BF 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 #8294BF looks like.

```
.text, #text, p{  
    color:#8294BF  
}
```

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 #8294BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8294BF
}
```

## Border

The CSS property to change the border of an element to Hex 8294BF 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
#8294BF }
```

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

```
.border{ border-color:#8294BF }
```

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

Here you see how a box with a 4 pixel #8294BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8294BF; -webkit-box-shadow:4px 4px  
4px 4px #8294BF; box-shadow:4px 4px 4px  
4px #8294BF }
```

# Background

The CSS property to change the background color of an element to Hex 8294BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8294BF }
```

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

```
.background{ background-color:#8294BF }
```

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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