

# Converting Colors

Hex(8098BF)

Have a look what the booklet for  
Hex(8098BF) contains.

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# **Color**

**Hex(8098BF)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 8098BF                     |
| RGB           | 128, 152, 191              |
| RGB Percent   | 50%, 60%, 75%              |
| CMY           | 0.4980, 0.4039, 0.2510     |
| CMYK          | 0.33, 0.20, 0.00, 0.25     |
| HSL           | 217°, 33%, 63%             |
| HSV           | 217°, 33%, 75%             |
| XYZ           | 29.5343, 30.8073, 53.6800  |
| YIQ           | 149.2700, -26.8230, 7.0410 |

# Conversions

## Conversions Part 2

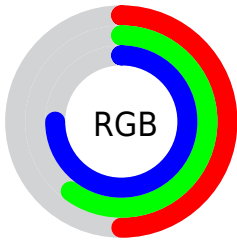
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 128, 145, 191                  |
| Decimal                             | 8427711                        |
| CIE Lab                             | 62.34, 0.97, -22.92            |
| CIE LCh                             | 62, 22.940, 272.422            |
| Yxy                                 | 30.8073, 0.2590,<br>0.2702     |
| Android<br>(android.graphics.Color) | 4286617791<br>(0xFF8098BF)     |
| YUV                                 | 149.2700, 20.5729,<br>-18.6538 |
| Hunter-Lab                          | 55.5043, -2.1512,<br>-18.4883  |

# Details

The Hex color **8098BF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BFA780**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B6CEF7**, and **4C6589** is the 20% darker color. If you saturate the color by 10%, you get **6D8CBF**, and if you desaturate by 10%, it is **93A4BF**.

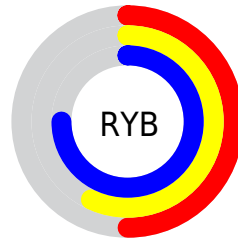
# Distribution



Red (50%)

Green (60%)

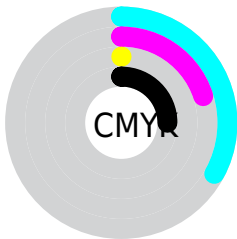
Blue (75%)



Red (50%)

Yellow (57%)

Blue (75%)

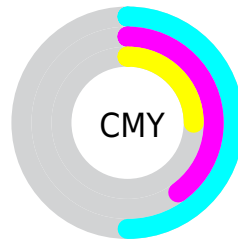


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (40%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8098BF 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 8098BF by changing the saturation by 10% instead.



■ 8098BF

FFFFFF

■ B6CEF7

■ D2EAFF

■ EFFFFFF

■ 8098BF

■ 667EA4

■ 4C6589

■ 334D70

■ 193757

■ 002240

■ 000A2A

■ 000114

■ 000000

■ 8098BF

■ 8098BF

6D8CBF

93A4BF

5A80BF

A6B0BF

4775BF

B9BBBF

3469BF

CCC7BF

215DBF

E0D3BF

0D51BF

F3DFBF

0049BF

FFEBBF

FFF7BF

FFFFBF

# Harmonies

## Analogous

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



669EBA



8098BF



9C91B9

# Triad

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



8098BF



BF8A82



77A083

# Complementary

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



8098BF



BFA780

# 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.



8E9C74



8098BF



B68F73

# Square

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



8098BF



BF8896



A4966E



63A298

# Rectangle

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



8098BF



AC8DB0



A4966E



7E9F7D

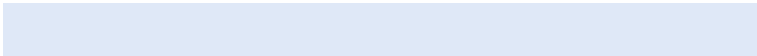


# Sweetspot

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



8098BF



DFE8F7



80BFA7



6E747D



FCFCFC



7D7D7D



# Same Dimension

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



8098BF



94BAF7



8780BF



55595E



003C9E



000C1F



# Inverse Universe

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



BF8098



F794BA



B8BF80



5E5559



9E003C

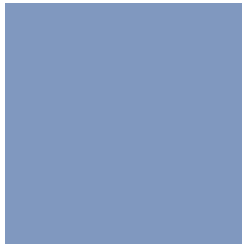


1F000C



# Previews

## White Background



This preview shows how the Hex color 8098BF looks on a white background.

## Color Contrast Check

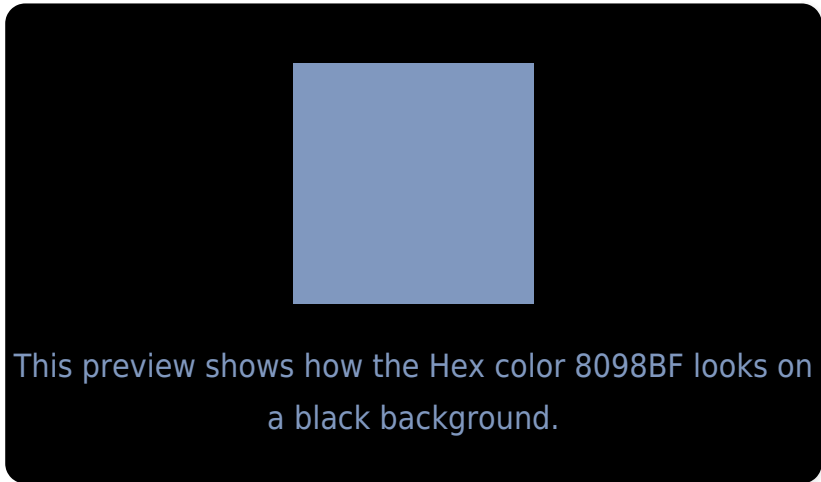
Large Text (above 18pt) WCAG AA × Fail

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

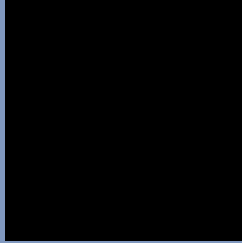
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

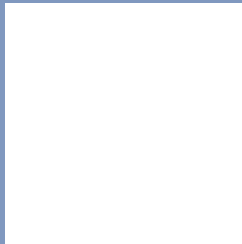
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8098BF Background



This preview shows how black text looks on a background with the Hex color 8098BF.




This preview shows how white text looks on a background with the Hex color 8098BF.

# 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](#).

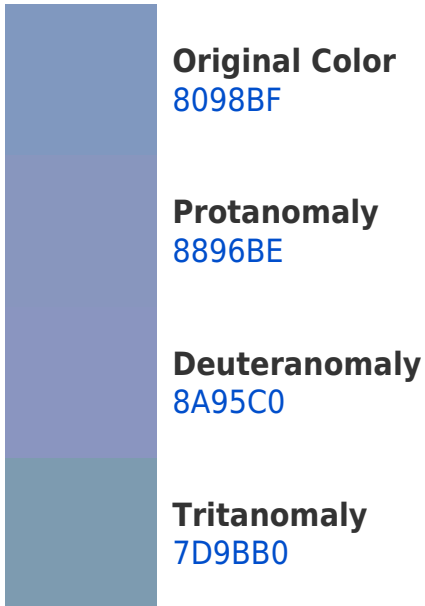
## Dichromacy





**Tritanopia**  
7B9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8098BF 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 #8098BF looks like.

```
.text, #text, p{  
    color:#8098BF  
}
```

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 #8098BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8098BF
}
```

## Border

The CSS property to change the border of an element to Hex 8098BF 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
#8098BF }
```

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

```
.border{ border-color:#8098BF }
```

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

Here you see how a box with a 4 pixel #8098BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8098BF; -webkit-box-shadow:4px 4px  
4px 4px #8098BF; box-shadow:4px 4px 4px  
4px #8098BF }
```

# Background

The CSS property to change the background color of an element to Hex 8098BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8098BF }
```

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

```
.background{ background-color:#8098BF }
```

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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