

# Converting Colors

Hex(879FB0)

Have a look what the booklet for  
Hex(879FB0) contains.

<b>Hex(879FB0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(879FB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	879FB0
RGB	135, 159, 176
RGB Percent	53%, 62%, 69%
CMY	0.4706, 0.3765, 0.3098
CMYK	0.23, 0.10, 0.00, 0.31
HSL	205°, 21%, 61%
HSV	205°, 23%, 69%
XYZ	30.2263, 33.0818, 45.8666
YIQ	153.7620, -19.7610, 0.1990

# Conversions

## Conversions Part 2

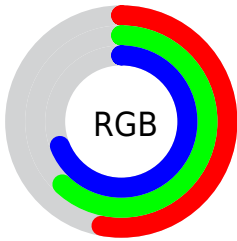
Format	Color
<a href="#">RYB</a>	<a href="#">135, 150, 176</a>
Decimal	<a href="#">8888240</a>
CIELab	<a href="#">64.23, -4.52, -11.60</a>
CIElCh	<a href="#">64, 12.452, 248.716</a>
Yxy	<a href="#">33.0818, 0.2769, 0.3030</a>
Android (android.graphics.Color)	<a href="#">4287078320</a> ( <a href="#">0xFF879FB0</a> )
YUV	<a href="#">153.7620, 10.9633, -16.4543</a>
Hunter-Lab	<a href="#">57.5167, -6.8487, -7.0190</a>

# Details

The Hex color **879FB0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B09887**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BDD6E8**, and **546C7C** is the 20% darker color. If you saturate the color by 10%, you get **7598B0**, and if you desaturate by 10%, it is **99A6B0**.

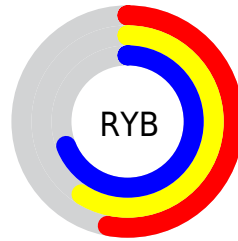
# Distribution



Red (53%)

Green (62%)

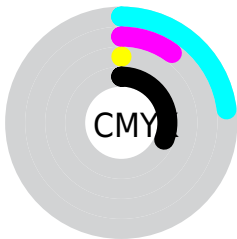
Blue (69%)



Red (53%)

Yellow (59%)

Blue (69%)

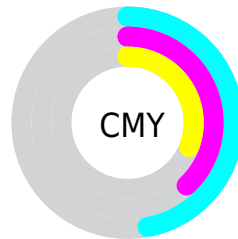


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (38%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879FB0 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 879FB0 by changing the saturation by 10% instead.





879FB0



879FB0

FFFFFF



6D8595



BDD6E8



546C7C



D9F2FF



3C5363



F5FFFF



253C4B



0E2734



00121F



000004



000000



879FB0



879FB0

7598B0

99A6B0

6490B0

AAAEB0

5289B0

BCB5B0

4182B0

CDBC B0

2F7BB0

DFC3B0

1D73B0

F1CBB0

0C6CB0

FFD2B0

0067B0

FFD9B0

FFE1B0

# Harmonies

## Analogous

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



80A1A9



879FB0



949CB1

# Triad

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



879FB0



B39499



959F8A

# Complementary

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



879FB0



B09887

# 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.



A19C86



879FB0



B2958E

# Square

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



879FB0



AD95A4



AC9887



89A293

# Rectangle

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



879FB0



9D99AF



AC9887



999E88

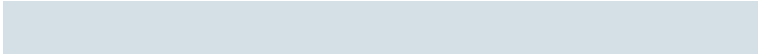


# Sweetspot

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



879FB0



D5DFE6



87B097



6A6F73



F2F2F2



737373



# Same Dimension

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



879FB0



A5CBE6



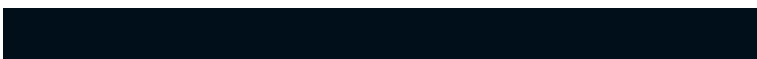
878BB0



505659



005A99



000F1A



# Inverse Universe

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



B0879F



E6A5CB



B0AC87



595056



99005A

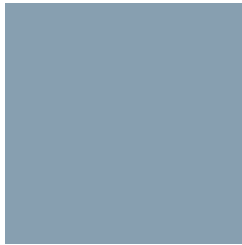


1A000F



# Previews

## White Background



This preview shows how the Hex color 879FB0 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

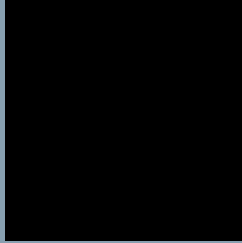
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

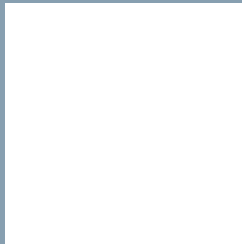
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 879FB0 Background



This preview shows how black text looks on a background with the Hex color 879FB0.

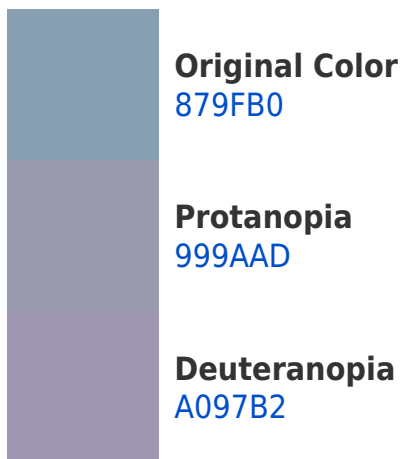


This preview shows how white text looks on a background with the Hex color 879FB0.

# 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](#).

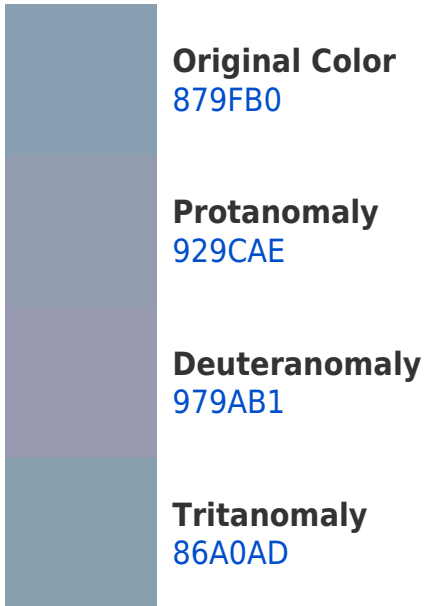
## Dichromacy



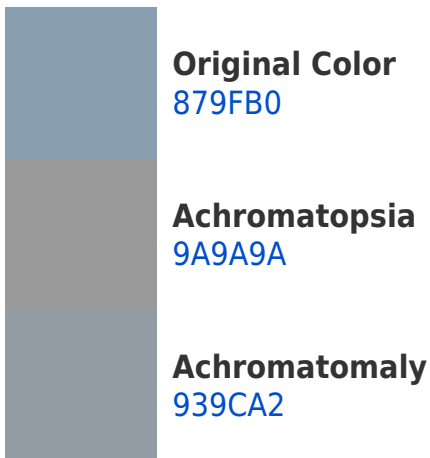


**Tritanopia**  
86A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879FB0 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 #879FB0 looks like.

```
.text, #text, p{  
    color:#879FB0  
}
```

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 #879FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879FB0  
}
```

## Border

The CSS property to change the border of an element to Hex 879FB0 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  
#879FB0 }
```

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

```
.border{ border-color:#879FB0 }
```

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

Here you see how a box with a 4 pixel #879FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879FB0; -webkit-box-shadow:4px 4px  
4px 4px #879FB0; box-shadow:4px 4px 4px  
4px #879FB0 }
```

# Background

The CSS property to change the background color of an element to Hex 879FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879FB0 }
```

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

```
.background{ background-color:#879FB0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor