

# Converting Colors

Hex(79B8BF)

Have a look what the booklet for  
Hex(79B8BF) contains.

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**Color**

**Hex(79B8BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79B8BF
RGB	121, 184, 191
RGB Percent	47%, 72%, 75%
CMY	0.5255, 0.2784, 0.2510
CMYK	0.37, 0.04, 0.00, 0.25
HSL	186°, 35%, 61%
HSV	186°, 37%, 75%
XYZ	34.4296, 42.1075, 55.6031
YIQ	165.9610, -39.7950, -11.1790

# Conversions

## Conversions Part 2

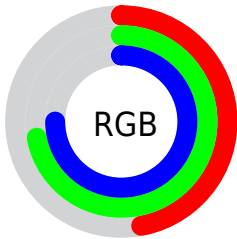
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 154, 191
Decimal	7977151
CIELab	70.94, -18.34, -9.96
CIELCh	71, 20.866, 208.498
Yxy	42.1075, 0.2606, 0.3187
Android (android.graphics.Color)	4286167231 (0xFF79B8BF)
YUV	165.9610, 12.3442, -39.4308
Hunter-Lab	64.8903, -18.8492, -5.3811

# Details

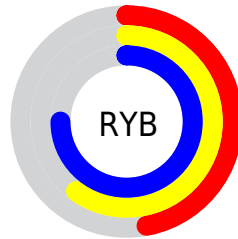
The Hex color **79B8BF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BF8079**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B0F0F7**, and **43838A** is the 20% darker color. If you saturate the color by 10%, you get **66B6BF**, and if you desaturate by 10%, it is **8CBABF**.

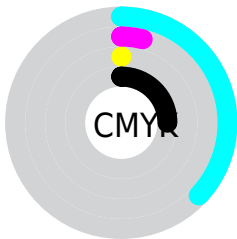
# Distribution



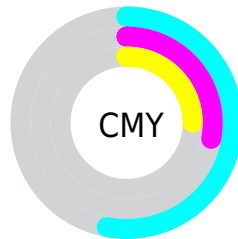
- Red (47%)
- Green (72%)
- Blue (75%)



- Red (47%)
- Yellow (60%)
- Blue (75%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (28%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79B8BF 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 79B8BF by changing the saturation by 10% instead.



 79B8BF

 79B8BF

FFFFFF

 5E9DA4

 B0F0F7

 43838A

 CCFFFF

 286A70

 E9FFFF

 025158

 003A41

 00242B

 000817

 000000

 79B8BF

 79B8BF

66B6BF

8CBABF

53B4BF

9FBCBF

40B2BF

B2BEBF

2DB0BF

C5C0BF

19AEBF

D9C2BF

06ADBFB

ECC3BF

00ACBF

FFC5BF

FFC7BF

FFC9BF

# Harmonies

## Analogous

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



81B8AC



79B8BF



81B5CD

# Triad

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



79B8BF



C5A3C2



BDAC88

# Complementary

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



79B8BF



BF8079

# 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.



CDA68E



79B8BF



D2A0AF

# Square

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



79B8BF



B0A9CF



D5A19C



A9B28C

# Rectangle

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



79B8BF



8EB2D2



D5A19C



C3AA89

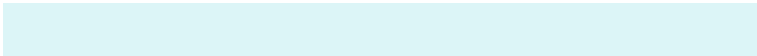


# Sweetspot

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



79B8BF



DCF5F7



79BF80



6D7B7D



FCFCFC



7D7D7D



# Same Dimension

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



79B8BF



8BECF7



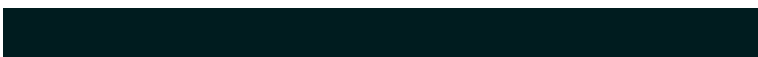
7995BF



555D5E



008E9E



001C1F



# Inverse Universe

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



BF79B8



F78BEC



BFA379



5E555D



9E008E

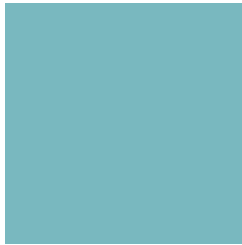


1F001C



# Previews

## White Background



This preview shows how the Hex color 79B8BF looks on a white background.

## Color Contrast Check

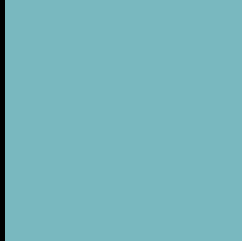
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 79B8BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

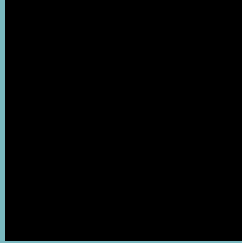
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

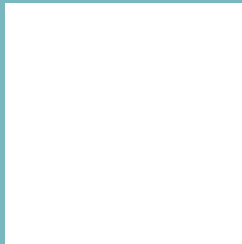
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79B8BF Background



This preview shows how black text looks on a background with the Hex color 79B8BF.

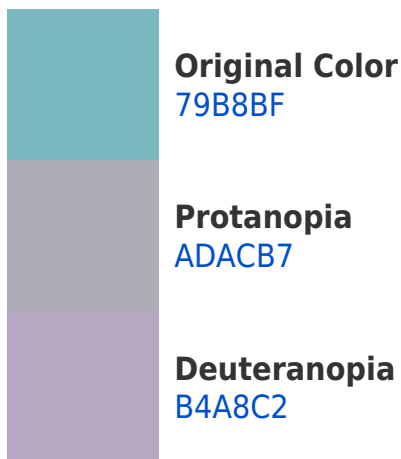


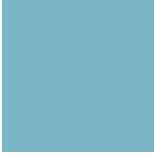
This preview shows how white text looks on a background with the Hex color 79B8BF.

# 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](#).

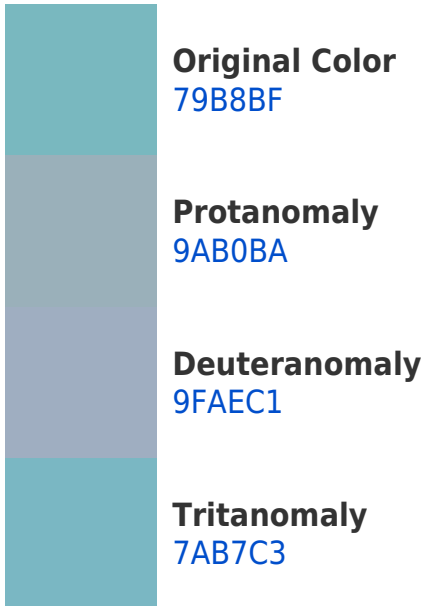
## Dichromacy





**Tritanopia**  
7BB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79B8BF 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 #79B8BF looks like.

```
.text, #text, p{  
    color:#79B8BF  
}
```

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 #79B8BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B8BF
}
```

## Border

The CSS property to change the border of an element to Hex 79B8BF 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
#79B8BF }
```

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

```
.border{ border-color:#79B8BF }
```

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

Here you see how a box with a 4 pixel #79B8BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B8BF; -webkit-box-shadow:4px 4px  
4px 4px #79B8BF; box-shadow:4px 4px 4px  
4px #79B8BF }
```

# Background

The CSS property to change the background color of an element to Hex 79B8BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B8BF }
```

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

```
.background{ background-color:#79B8BF }
```

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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