

# Converting Colors

Hex(7BB7CF)

Have a look what the booklet for  
Hex(7BB7CF) contains.

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# **Color**

**Hex(7BB7CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BB7CF
RGB	123, 183, 207
RGB Percent	48%, 72%, 81%
CMY	0.5176, 0.2824, 0.1882
CMYK	0.41, 0.12, 0.00, 0.19
HSL	197°, 47%, 65%
HSV	197°, 41%, 81%
XYZ	36.3644, 42.5829, 65.3342
YIQ	167.7960, -43.4640, -5.2560

# Conversions

## Conversions Part 2

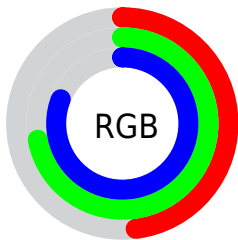
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 158, 207</a>
Decimal	<a href="#">8107983</a>
CIELab	<a href="#">71.27, -13.19, -18.22</a>
CIElCh	<a href="#">71, 22.495, 234.107</a>
Yxy	<a href="#">42.5829, 0.2520, 0.2951</a>
Android (android.graphics.Color)	<a href="#">4286298063 (0xFF7BB7CF)</a>
YUV	<a href="#">167.7960, 19.3276, -39.2861</a>
Hunter-Lab	<a href="#">65.2556, -14.7263, -13.6825</a>

# Details

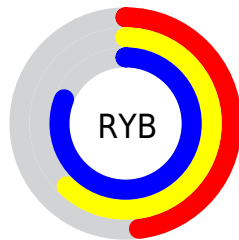
The Hex color **7BB7CF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CF937B**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B3EFFF**, and **448299** is the 20% darker color. If you saturate the color by 10%, you get **66B1CF**, and if you desaturate by 10%, it is **90BDCF**.

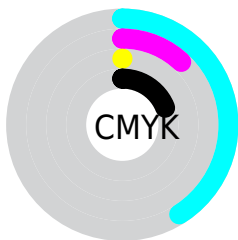
# Distribution



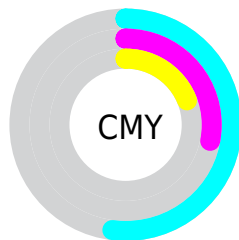
- Red (48%)
- Green (72%)
- Blue (81%)



- Red (48%)
- Yellow (62%)
- Blue (81%)



- Cyan (41%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (28%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BB7CF 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 7BB7CF by changing the saturation by 10% instead.



 7BB7CF

 7BB7CF

FFFFFF

 609CB3

 B3EFFF

 448299

 CFFFFFF

 28697F

 ECFFFF

 005166

 003A4E

 002437

 000B22

 000008

 000000

 7BB7CF

 7BB7CF

 66B1CF

 90BDCF

 52ABCF

 A4C3CF

 3DA5CF

 B9C9CF

 289FCF

 CECFCF

 1499CF

 E3D5CF

 0094CF

 F7DACF

 FFE0CF

 FFE6CF

 FFECCF

# Harmonies

## Analogous

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



75BABE



7BB7CF



91B2D7

# Triad

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



7BB7CF



D5A0B3



ACB289

# Complementary

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



7BB7CF



CF937B

# 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.



C2AC86



7BB7CF



D9A19F

# Square

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



7BB7CF



C5A4C7



D2A58E



95B796

# Rectangle

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



7BB7CF



A3ADD6



D2A58E



B4B087

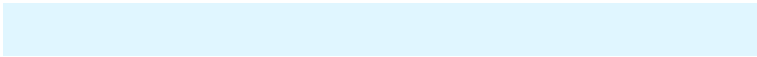


# Sweetspot

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



7BB7CF



E0F6FF



7BCF93



6E7A80



000000



808080

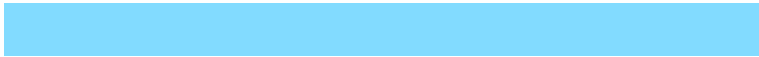


# Same Dimension

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



7BB7CF



82DBFF



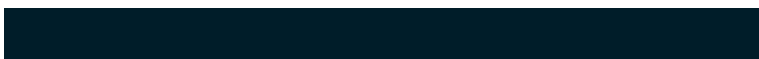
7B8DCF



5E6669



0078A8



001D29



# Inverse Universe

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



CF7BB7



FF82DB



CFBD7B



695E66



A80078

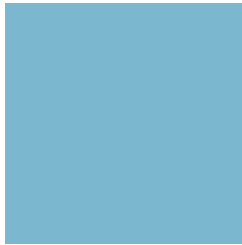


29001D



# Previews

## White Background



This preview shows how the Hex color 7BB7CF looks on a white background.

## Color Contrast Check

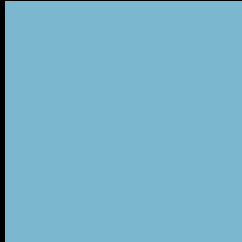
Large Text (above 18pt) WCAG AA × Fail

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 7BB7CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

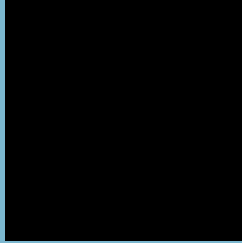
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BB7CF Background



This preview shows how black text looks on a background with the Hex color 7BB7CF.

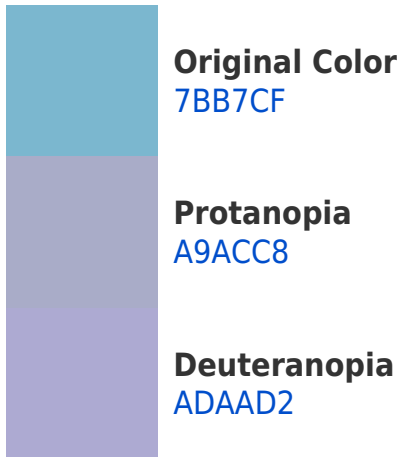


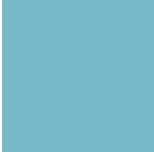
This preview shows how white text looks on a background with the Hex color 7BB7CF.

# 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](#).

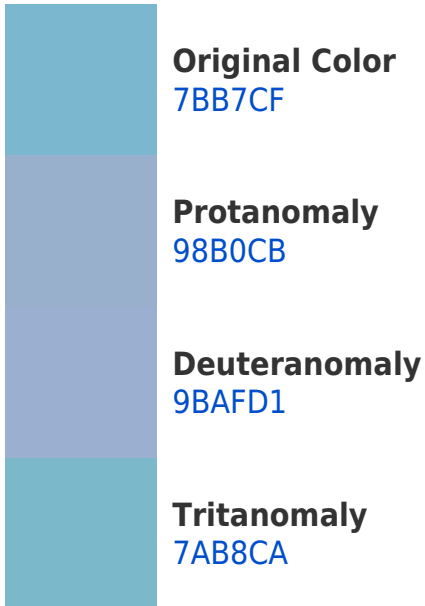
## Dichromacy



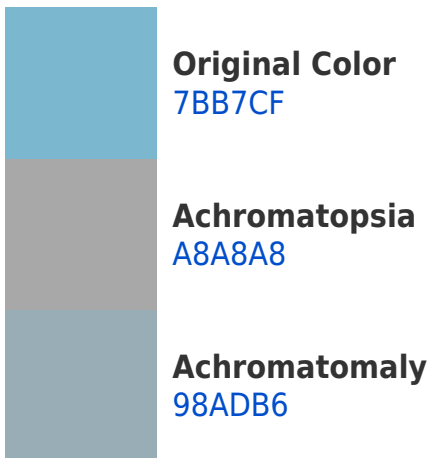


**Tritanopia**  
79B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BB7CF 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 #7BB7CF looks like.

```
.text, #text, p{  
    color:#7BB7CF  
}
```

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 #7BB7CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB7CF
}
```

## Border

The CSS property to change the border of an element to Hex 7BB7CF 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
#7BB7CF }
```

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

```
.border{ border-color:#7BB7CF }
```

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

Here you see how a box with a 4 pixel #7BB7CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB7CF; -webkit-box-shadow:4px 4px  
4px 4px #7BB7CF; box-shadow:4px 4px 4px  
4px #7BB7CF }
```

# Background

The CSS property to change the background color of an element to Hex 7BB7CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB7CF }
```

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

```
.background{ background-color:#7BB7CF }
```

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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