

Converting Colors

Hex(7BB9C0)

Have a look what the booklet for
Hex(7BB9C0) contains.

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Color

Hex(7BB9C0)

Conversions

Conversions Part 1

Format	Color
Hex	7BB9C0
RGB	123, 185, 192
RGB Percent	48%, 73%, 75%
CMY	0.5176, 0.2745, 0.2471
CMYK	0.36, 0.04, 0.00, 0.25
HSL	186°, 35%, 62%
HSV	186°, 36%, 75%
XYZ	35.0318, 42.7146, 56.2676
YIQ	167.2600, -39.1990, -10.9670

Conversions

Conversions Part 2

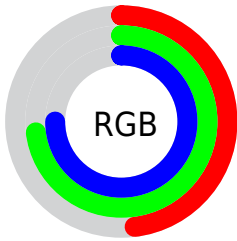
Format	Color
RYB	123, 156, 192
Decimal	8108480
CIELab	71.36, -18.06, -9.87
CIElCh	71, 20.587, 208.659
Yxy	42.7146, 0.2614, 0.3187
Android (android.graphics.Color)	4286298560 (0xFF7BB9C0)
YUV	167.2600, 12.1968, -38.8160
Hunter-Lab	65.3564, -18.6958, -5.2952

Details

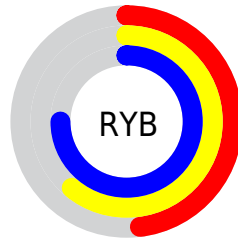
The Hex color **7BB9C0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C0827B**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B2F1F8**, and **46848B** is the 20% darker color. If you saturate the color by 10%, you get **68B7C0**, and if you desaturate by 10%, it is **8EBBC0**.

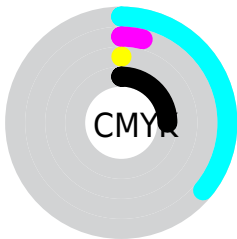
Distribution



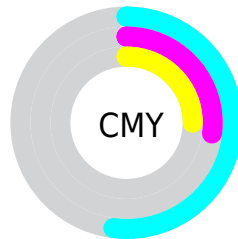
- Red (48%)
- Green (73%)
- Blue (75%)



- Red (48%)
- Yellow (61%)
- Blue (75%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (52%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB9C0 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 7BB9C0 by changing the saturation by 10% instead.

 7BB9C0

 7BB9C0

FFFFFF

 609EA5

 B2F1F8

 46848B

 CEFFFF

 2A6A71

 EBFFFF

 075259

 003B41

 00252B

 000A17

 000000

 7BB9C0

 7BB9C0

68B7C0

8EBBC0

55B5C0

A1BDC0

41B3C0

B5BFC0

2EB1C0

C8C1C0

1BAFC0

DBC3C0

08ADC0

EEC5C0

00ADC0

FFC7C0

FFC9C0

FFCBC0

Harmonies

Analogous

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



83B9AD



7BB9C0



83B6CE

Triad

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



7BB9C0



C6A5C3



BEAD89

Complementary

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



7BB9C0



C0827B

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.



CEA78F



7BB9C0



D3A2B0

Square

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



7BB9C0



B1AAD0



D5A39E



AAB38E

Rectangle

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



7BB9C0



90B3D3



D5A39E



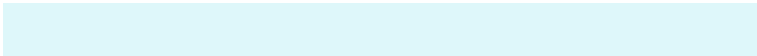
C4AB8A

Sweetspot

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



7BB9C0



DEF7FA



7BC082



6D7B7D



FCFCFC



7D7D7D

Same Dimension

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



7BB9C0



8EEFFA



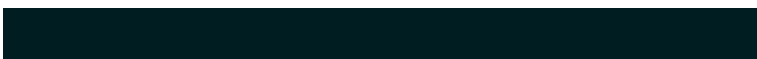
7B97C0



576061



0090A1



001E21

Inverse Universe

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



C07BB9



FA8EEF



C0A47B



615760



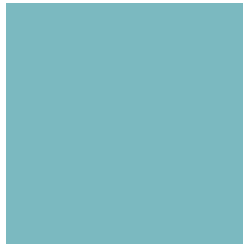
A10090



21001E

Previews

White Background



This preview shows how the Hex color 7BB9C0 looks on a white background.

Color Contrast Check

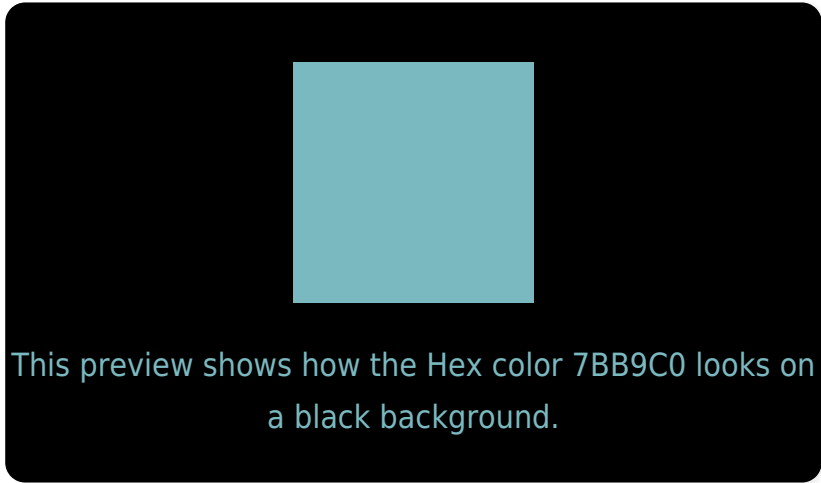
Large Text (above 18pt) WCAG AA × Fail

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

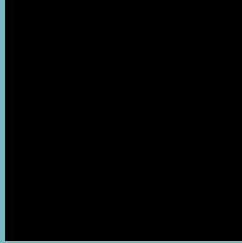
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

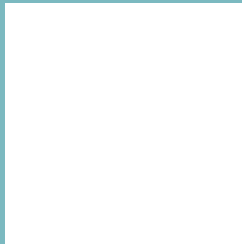
Any Text WCAG AAA ✓ Pass

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

Hex 7BB9C0 Background



This preview shows how black text looks on a background with the Hex color 7BB9C0.

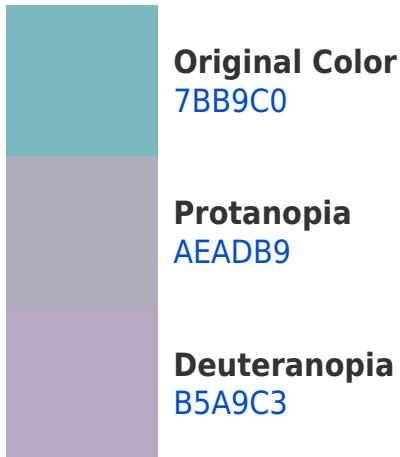


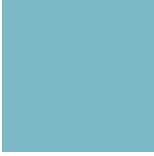
This preview shows how white text looks on a background with the Hex color 7BB9C0.

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](#).

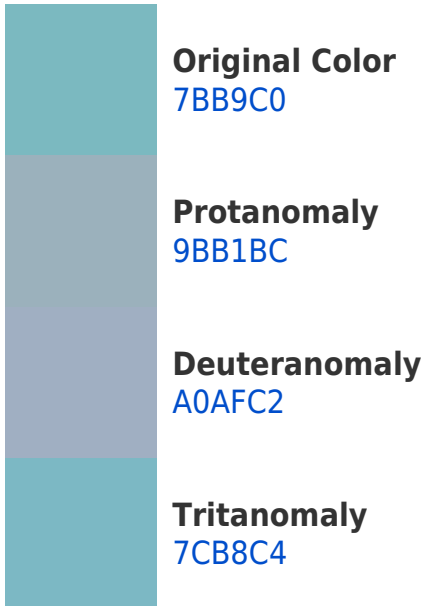
Dichromacy



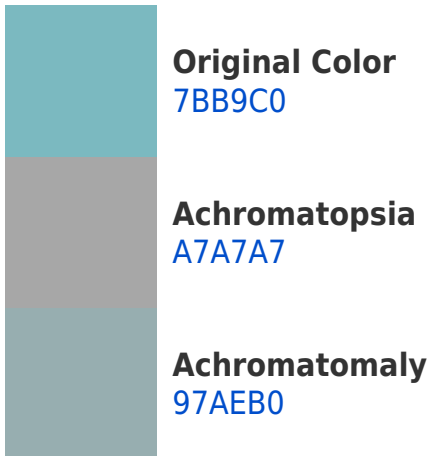


Tritanopia
7DB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB9C0 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 #7BB9C0 looks like.

```
.text, #text, p{  
    color:#7BB9C0  
}
```

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 #7BB9C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB9C0
}
```

Border

The CSS property to change the border of an element to Hex 7BB9C0 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
#7BB9C0 }
```

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

```
.border{ border-color:#7BB9C0 }
```

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

Here you see how a box with a 4 pixel #7BB9C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB9C0; -webkit-box-shadow:4px 4px  
4px 4px #7BB9C0; box-shadow:4px 4px 4px  
4px #7BB9C0 }
```

Background

The CSS property to change the background color of an element to Hex 7BB9C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB9C0 }
```

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

```
.background{ background-color:#7BB9C0 }
```

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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