

Converting Colors

Hex(7BB8C4)

Have a look what the booklet for
Hex(7BB8C4) contains.

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Color

Hex(7BB8C4)

Conversions

Conversions Part 1

Format	Color
Hex	7BB8C4
RGB	123, 184, 196
RGB Percent	48%, 72%, 77%
CMY	0.5176, 0.2784, 0.2314
CMYK	0.37, 0.06, 0.00, 0.23
HSL	190°, 38%, 63%
HSV	190°, 37%, 77%
XYZ	35.2727, 42.4775, 58.5645
YIQ	167.1290, -40.2080, -9.2000

Conversions

Conversions Part 2

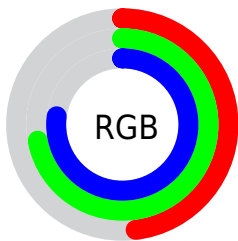
Format	Color
RYB	123, 156, 196
Decimal	8108228
CIELab	71.20, -16.55, -12.31
CIElCh	71, 20.622, 216.642
Yxy	42.4775, 0.2588, 0.3116
Android (android.graphics.Color)	4286298308 (0xFF7BB8C4)
YUV	167.1290, 14.2334, -38.7011
Hunter-Lab	65.1747, -17.4513, -7.6543

Details

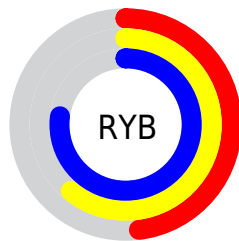
The Hex color **7BB8C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C4877B**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B2F0FD**, and **45838E** is the 20% darker color. If you saturate the color by 10%, you get **67B5C4**, and if you desaturate by 10%, it is **8FBBC4**.

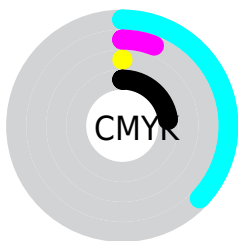
Distribution



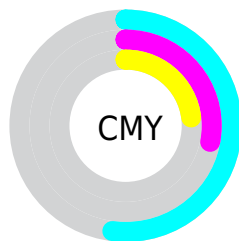
- Red (48%)
- Green (72%)
- Blue (77%)



- Red (48%)
- Yellow (61%)
- Blue (77%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (52%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB8C4 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 7BB8C4 by changing the saturation by 10% instead.

 7BB8C4

 7BB8C4

FFFFFF

 609DA9

 B2F0FD

 45838E

 CFFFFFF

 2A6A75

 EBFFFF

 05515C

 003A45

 00242E

 000A1A

 000000

 7BB8C4

 7BB8C4

67B5C4

8FBBC4

54B2C4

A2BEC4

40AEC4

B6C2C4

2DABC4

C9C5C4

19A8C4

DDC8C4

05A5C4

F1CBC4

00A4C4

FFCFC4

FFD2C4

FFD5C4

Harmonies

Analogous

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



7FB9B2



7BB8C4



87B4D0

Triad

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



7BB8C4



CAA3BE



B8AE89

Complementary

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



7BB8C4



C4877B

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.



CAA88C



7BB8C4



D4A1AB

Square

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



7BB8C4



B7A8CC



D4A399



A3B490

Rectangle

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



7BB8C4



96B1D3



D4A399



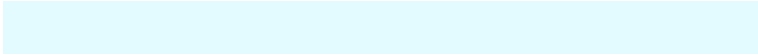
BFAC89

Sweetspot

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



7BB8C4



E3FAFF



7BC486



6F7D80



000000



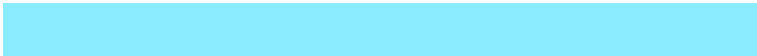
808080

Same Dimension

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



7BB8C4



8CECFF



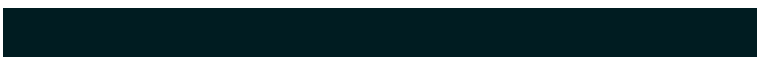
7B95C4



575F61



0086A1



001C21

Inverse Universe

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



C47BB8



FF8CEC



C4AA7B



61575F



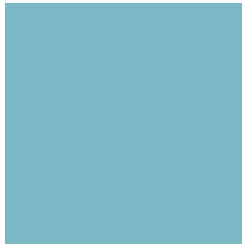
A10086



21001C

Previews

White Background



This preview shows how the Hex color 7BB8C4 looks on a white background.

Color Contrast Check

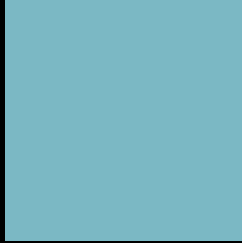
Large Text (above 18pt) WCAG AA × Fail

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 7BB8C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

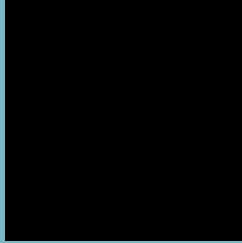
Any Text WCAG AA ✓ Pass

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 7BB8C4 Background



This preview shows how black text looks on a background with the Hex color 7BB8C4.

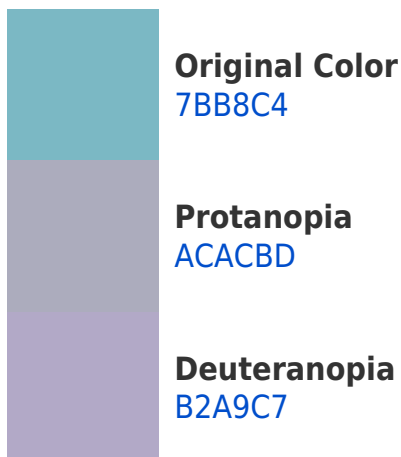


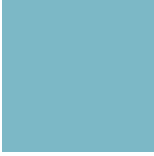
This preview shows how white text looks on a background with the Hex color 7BB8C4.

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](#).

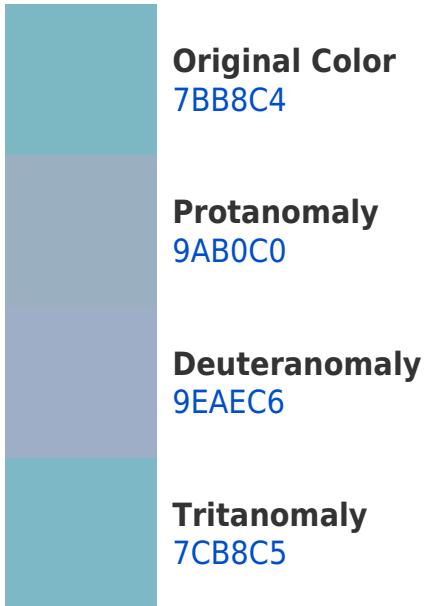
Dichromacy



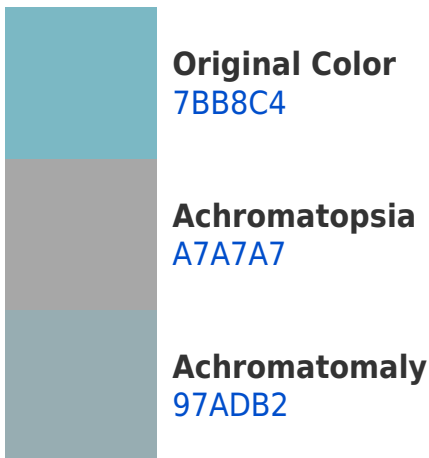


Tritanopia
7CB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB8C4 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 #7BB8C4 looks like.

```
.text, #text, p{  
    color:#7BB8C4  
}
```

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 #7BB8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB8C4
}
```

Border

The CSS property to change the border of an element to Hex 7BB8C4 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
#7BB8C4 }
```

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

```
.border{ border-color:#7BB8C4 }
```

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

Here you see how a box with a 4 pixel #7BB8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB8C4; -webkit-box-shadow:4px 4px  
4px 4px #7BB8C4; box-shadow:4px 4px 4px  
4px #7BB8C4 }
```

Background

The CSS property to change the background color of an element to Hex 7BB8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB8C4 }
```

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

```
.background{ background-color:#7BB8C4 }
```

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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