

Converting Colors

Hex(7BB2C7)

Have a look what the booklet for
Hex(7BB2C7) contains.

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Color

Hex(7BB2C7)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7BB2C7 |
| RGB | 123, 178, 199 |
| RGB Percent | 48%, 70%, 78% |
| CMY | 0.5176, 0.3020, 0.2196 |
| CMYK | 0.38, 0.11, 0.00, 0.22 |
| HSL | 197°, 40%, 63% |
| HSV | 197°, 38%, 78% |
| XYZ | 34.3976, 40.1753, 59.9745 |
| YIQ | 163.9490, -39.5210, -5.1290 |

Conversions

Conversions Part 2

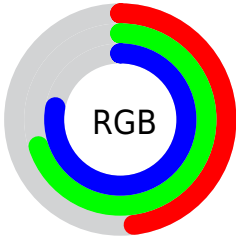
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 123, 155, 199 |
| Decimal | 8106695 |
| CIE Lab | 69.59, -12.63, -16.37 |
| CIE LCh | 70, 20.673, 232.355 |
| Yxy | 40.1753, 0.2557, 0.2986 |
| Android (android.graphics.Color) | 4286296775 (0xFF7BB2C7) |
| YUV | 163.9490, 17.2801, -35.9123 |
| Hunter-Lab | 63.3840, -14.0525, -11.7320 |

Details

The Hex color **7BB2C7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C7907B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B2E AFF**, and **467D91** is the 20% darker color. If you saturate the color by 10%, you get **67ADC7**, and if you desaturate by 10%, it is **8FB7C7**.

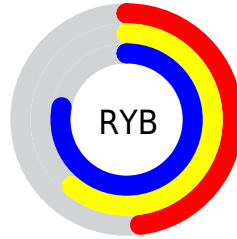
Distribution



Red (48%)

Green (70%)

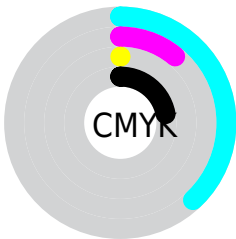
Blue (78%)



Red (48%)

Yellow (61%)

Blue (78%)

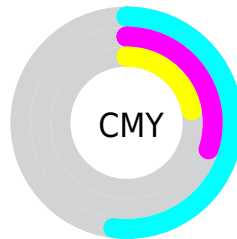


Cyan (38%)

Magenta (11%)

Yellow (0%)

Black (22%)



Cyan (52%)

Magenta (30%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB2C7 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 7BB2C7 by changing the saturation by 10% instead.



7BB2C7



7BB2C7

FFFFFF



6097AC



B2EAFF



467D91



CEFFFF



2A6477



EBFFFF



064C5F



003647



002030



00021C



000000



7BB2C7



7BB2C7

■ 67ADC7

■ 8FB7C7

■ 53A7C7

■ A3BDC7

■ 3FA2C7

■ B7C2C7

■ 2B9CC7

■ CBC8C7

■ 1897C7

■ DFCD7C7

■ 0491C7

■ F2D3C7

■ 0090C7

■ FFD8C7

■ FFDEC7

■ FFE3C7

Harmonies

Analogous

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



76B5B8



7BB2C7



8EADCF

Triad

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



7BB2C7



CD9DB0



A9AD87

Complementary

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



7BB2C7



C7907B

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.



BDA785



7BB2C7



D19D9D

Square

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



7BB2C7



BEA1C1



CBA18D



94B293

Rectangle

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



7BB2C7



9FA9CE



CBA18D



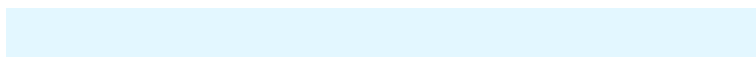
B0AB85

Sweetspot

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



7BB2C7



E3F7FF



7BC78F



6F7B80



000000



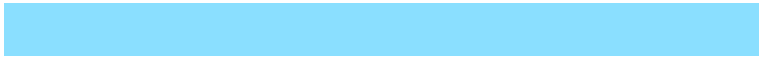
808080

Same Dimension

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



7BB2C7



8ADFFF



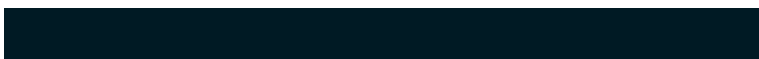
7B8DC7



5A6163



0076A3



001A24

Inverse Universe

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



C77BB2



FF8ADF



C7B57B



635A61



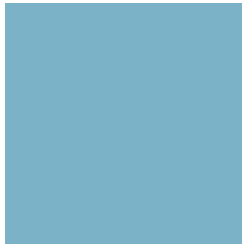
A30076



24001A

Previews

White Background



This preview shows how the Hex color 7BB2C7 looks on a white background.

Color Contrast Check

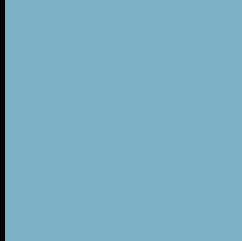
Large Text (above 18pt) WCAG AA × Fail

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 7BB2C7 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

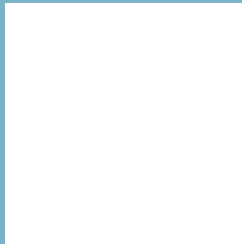
Any Text WCAG AAA ✓ Pass

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

Hex 7BB2C7 Background



This preview shows how black text looks on a background with the Hex color 7BB2C7.

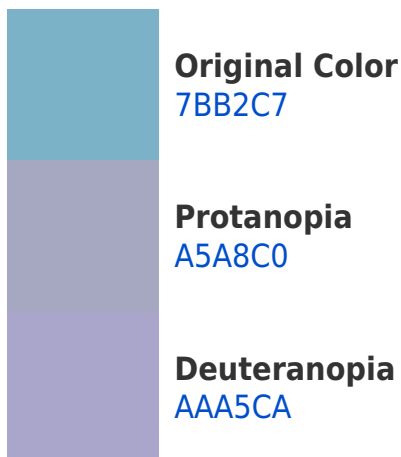


This preview shows how white text looks on a background with the Hex color 7BB2C7.

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](#).

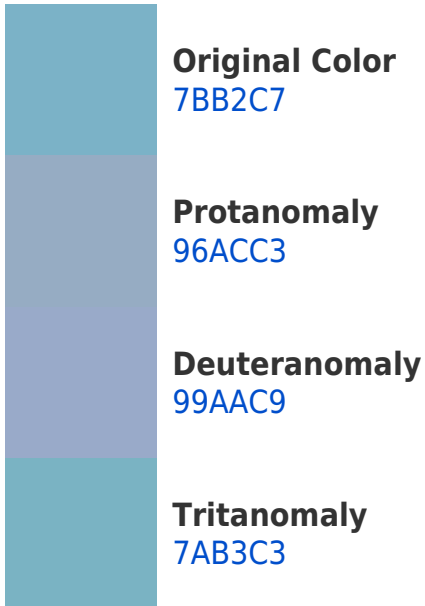
Dichromacy



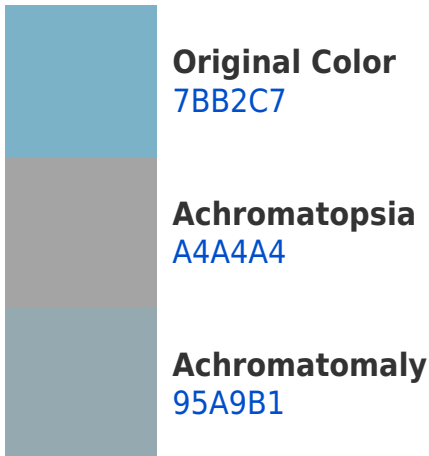


Tritanopia
7AB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB2C7 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 #7BB2C7 looks like.

```
.text, #text, p{  
    color:#7BB2C7  
}
```

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 #7BB2C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB2C7
}
```

Border

The CSS property to change the border of an element to Hex 7BB2C7 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
#7BB2C7 }
```

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

```
.border{ border-color:#7BB2C7 }
```

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

Here you see how a box with a 4 pixel #7BB2C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB2C7; -webkit-box-shadow:4px 4px  
4px 4px #7BB2C7; box-shadow:4px 4px 4px  
4px #7BB2C7 }
```

Background

The CSS property to change the background color of an element to Hex 7BB2C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB2C7 }
```

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

```
.background{ background-color:#7BB2C7 }
```

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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