

# Converting Colors

Hex(7BC7B8)

Have a look what the booklet for  
Hex(7BC7B8) contains.

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# **Color**

**Hex(7BC7B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC7B8
RGB	123, 199, 184
RGB Percent	48%, 78%, 72%
CMY	0.5176, 0.2196, 0.2784
CMYK	0.38, 0.00, 0.08, 0.22
HSL	168°, 40%, 63%
HSV	168°, 38%, 78%
XYZ	37.2435, 48.5185, 52.7495
YIQ	174.5660, -40.4810, -20.7770

# Conversions

## Conversions Part 2

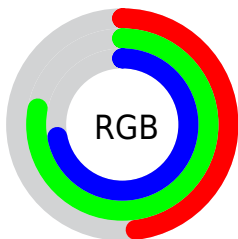
Format	Color
<a href="#">RYB</a>	<a href="#">123, 165, 199</a>
Decimal	<a href="#">8112056</a>
CIELab	<a href="#">75.15, -27.01, 0.08</a>
CIELCh	<a href="#">75, 27.010, 179.834</a>
Yxy	<a href="#">48.5185, 0.2689, 0.3503</a>
Android (android.graphics.Color)	<a href="#">4286302136 (0xFF7BC7B8)</a>
YUV	<a href="#">174.5660, 4.6510, -45.2234</a>
Hunter-Lab	<a href="#">69.6552, -26.4555, 3.8587</a>

# Details

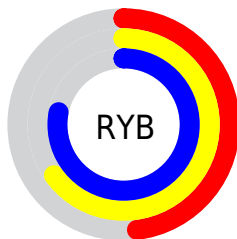
The Hex color **7BC7B8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C77B8A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B2FFF0**, and **459183** is the 20% darker color. If you saturate the color by 10%, you get **67C7B4**, and if you desaturate by 10%, it is **8FC7BC**.

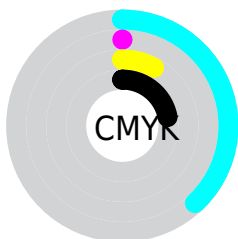
# Distribution



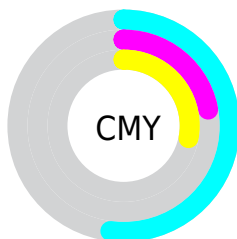
- Red (48%)
- Green (78%)
- Blue (72%)



- Red (48%)
- Yellow (65%)
- Blue (78%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC7B8 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 7BC7B8 by changing the saturation by 10% instead.



 7BC7B8

 7BC7B8

FFFFFF

 60AC9D

 B2FFF0

 459183

 CFFFFFF

 28776A

 EFFFFFF

 015E52

 00463B

 002F25

 001B10

 000000

 7BC7B8

 7BC7B8

 67C7B4

 8FC7BC

 53C7B0

 A3C7C0

 3FC7AC

 B7C7C4

 2BC7A8

 CBC7C8

 18C7A4

 DFC7CC

 04C7A0

 F2C7D0

 00C7A0

 FFC7D3

 FFC7D7

 FFC7DB

# Harmonies

## Analogous

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



94C49F



7BC7B8



6FC6D1

# Triad

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



7BC7B8



BDB3E4



E0AF8F

# Complementary

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



7BC7B8



C77B8A

# 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.



EBA9A1



7BC7B8



D9ABD2

# Square

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



7BC7B8



9ABBEA



E9A7BA



CBB787

# Rectangle

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



7BC7B8



75C4DE



E9A7BA



E5AD94



# Sweetspot

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



7BC7B8



E3FFF9



8AC77B



6F807C



000000



808080

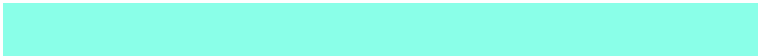


# Same Dimension

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



7BC7B8



8AFFE8



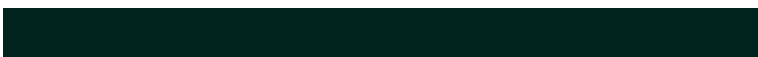
7BB0C7



5A6361



00A383



00241D



# Inverse Universe

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



C77B8A



FF8AA1



C7927B



635A5B



A30020

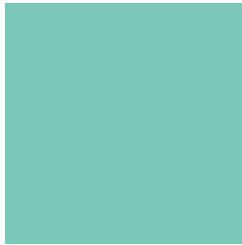


240007



# Previews

## White Background



This preview shows how the Hex color 7BC7B8 looks on a white background.

## Color Contrast Check

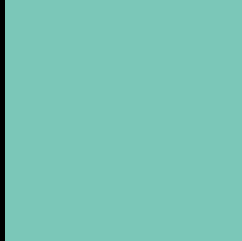
Large Text (above 18pt) WCAG AA × Fail

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 7BC7B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

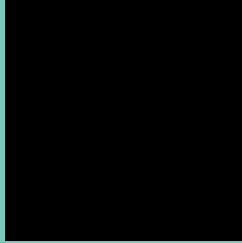
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

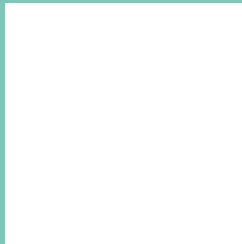
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BC7B8 Background



This preview shows how black text looks on a background with the Hex color 7BC7B8.



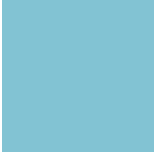
This preview shows how white text looks on a background with the Hex color 7BC7B8.

# 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**  
82C3D3

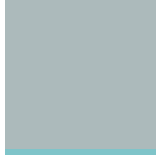
# Trichromacy



**Original Color**  
7BC7B8



**Protanomaly**  
A6BDB2



**Deuteranomaly**  
ACBABB

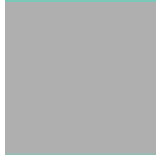


**Tritanomaly**  
7FC4C9

# Monochromacy



**Original Color**  
7BC7B8



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
9CB8B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC7B8 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 #7BC7B8 looks like.

```
.text, #text, p{  
    color:#7BC7B8  
}
```

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 #7BC7B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC7B8  
}
```

## Border

The CSS property to change the border of an element to Hex 7BC7B8 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  
#7BC7B8 }
```

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

```
.border{ border-color:#7BC7B8 }
```

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

Here you see how a box with a 4 pixel #7BC7B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC7B8; -webkit-box-shadow:4px 4px  
4px 4px #7BC7B8; box-shadow:4px 4px 4px  
4px #7BC7B8 }
```

# Background

The CSS property to change the background color of an element to Hex 7BC7B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC7B8 }
```

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

```
.background{ background-color:#7BC7B8 }
```

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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