

# Converting Colors

Hex(7BCCB8)

Have a look what the booklet for  
Hex(7BCCB8) contains.

<b>Hex(7BCCB8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7BCCB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BCCB8
RGB	123, 204, 184
RGB Percent	48%, 80%, 72%
CMY	0.5176, 0.2000, 0.2784
CMYK	0.40, 0.00, 0.10, 0.20
HSL	165°, 44%, 64%
HSV	165°, 40%, 80%
XYZ	38.4130, 50.8574, 53.1393
YIQ	177.5010, -41.8560, -23.3920

# Conversions

## Conversions Part 2

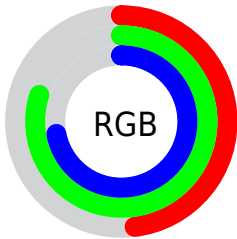
Format	Color
<a href="#">RYB</a>	<a href="#">123, 169, 204</a>
Decimal	<a href="#">8113336</a>
CIELab	<a href="#">76.59, -29.43, 2.18</a>
CIELCh	<a href="#">77, 29.514, 175.768</a>
Yxy	<a href="#">50.8574, 0.2697, 0.3571</a>
Android (android.graphics.Color)	<a href="#">4286303416 (0xFF7BCCB8)</a>
YUV	<a href="#">177.5010, 3.2040, -47.7974</a>
Hunter-Lab	<a href="#">71.3144, -28.6524, 5.7406</a>

# Details

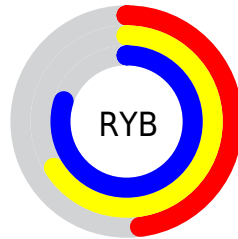
The Hex color **7BCCB8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC7B8F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B3FFF0**, and **449583** is the 20% darker color. If you saturate the color by 10%, you get **67CCB3**, and if you desaturate by 10%, it is **8FCCBD**.

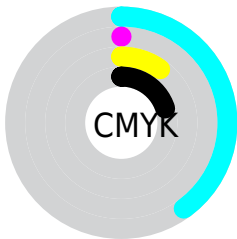
# Distribution



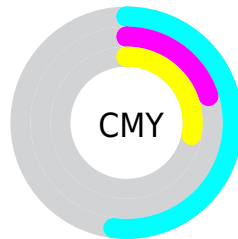
- Red (48%)
- Green (80%)
- Blue (72%)



- Red (48%)
- Yellow (66%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BCCB8 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 7BCCB8 by changing the saturation by 10% instead.



 7BCCB8

 7BCCB8

FFFFFF

 60B09D

 B3FFF0

 449583

 CFFFFFF

 277B6A

 ECFFFF

 006252

 004A3B

 003225

 001F10

 000000

 7BCCB8

 7BCCB8

67CCB3

8FCCBD

52CCAE

A4CCC2

3ECCA9

B8CCC7

29CCA4

CDCCCC

15CC9F

E1CCD1

01CC9A

F5CCD6

00CC9A

FFCCDB

FFCCE0

FFCCE5

# Harmonies

## Analogous

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



98C99E



7BCCB8



6ACCD4

# Triad

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



7BCCB8



BCB7EE



EAB191

# Complementary

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



7BCCB8



CC7B8F

# 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.



F4AAA7



7BCCB8



DCAEDC

# Square

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



7BCCB8



95C1F3



F0A9C2



D4BA87

# Rectangle

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



7BCCB8



6DCAE3



F0A9C2



EFAE97



# Sweetspot

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



7BCCB8



E0FFF7



8FCC7B



6E807B



000000



808080

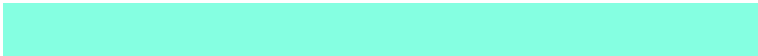


# Same Dimension

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



7BCCB8



85FFE1



7BB8CC



5C6663



00A67D



00261D



# Inverse Universe

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



CC7B8F



FF85A3



CC8F7B



665C5E



A60029

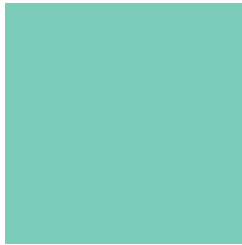


260009



# Previews

## White Background



This preview shows how the Hex color 7BCCB8 looks on a white background.

## Color Contrast Check

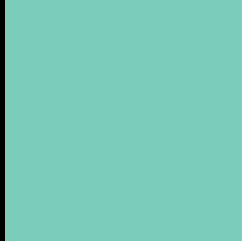
Large Text (above 18pt) WCAG AA × Fail

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 7BCCB8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

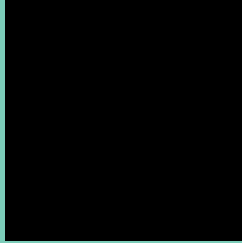
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

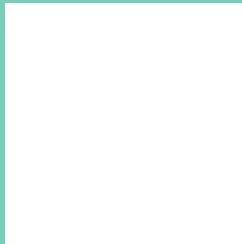
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BCCB8 Background



This preview shows how black text looks on a background with the Hex color 7BCCB8.



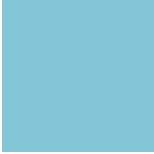
This preview shows how white text looks on a background with the Hex color 7BCCB8.

# 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**  
83C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BCCB8 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 #7BCCB8 looks like.

```
.text, #text, p{  
    color:#7BCCB8  
}
```

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 #7BCCB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BCCB8
}
```

## Border

The CSS property to change the border of an element to Hex 7BCCB8 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
#7BCCB8 }
```

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

```
.border{ border-color:#7BCCB8 }
```

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

Here you see how a box with a 4 pixel #7BCCB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BCCB8; -webkit-box-shadow:4px 4px  
4px 4px #7BCCB8; box-shadow:4px 4px 4px  
4px #7BCCB8 }
```

# Background

The CSS property to change the background color of an element to Hex 7BCCB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BCCB8 }
```

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

```
.background{ background-color:#7BCCB8 }
```

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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