

# Converting Colors

Hex(7CBEB2)

Have a look what the booklet for  
Hex(7CBEB2) contains.

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# **Color**

**Hex(7CBEB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CBEB2
RGB	124, 190, 178
RGB Percent	49%, 75%, 70%
CMY	0.5137, 0.2549, 0.3020
CMYK	0.35, 0.00, 0.06, 0.25
HSL	169°, 34%, 62%
HSV	169°, 35%, 75%
XYZ	34.7615, 44.3264, 48.8432
YIQ	168.8980, -35.4840, -17.7240

# Conversions

## Conversions Part 2

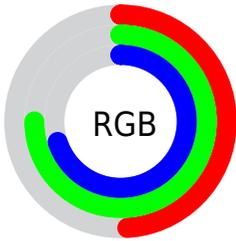
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 160, 190
Decimal	8175282
CIELab	72.45, -23.67, -0.61
CIELCh	72, 23.674, 181.471
Yxy	44.3264, 0.2717, 0.3465
Android (android.graphics.Color)	4286365362 (0xFF7CBEB2)
YUV	168.8980, 4.4873, -39.3755
Hunter-Lab	66.5780, -23.3137, 3.1081

# Details

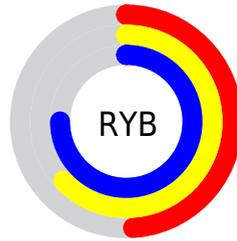
The Hex color **7CBEB2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BE7C88**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B3F7EA**, and **47887D** is the 20% darker color. If you saturate the color by 10%, you get **69BEAF**, and if you desaturate by 10%, it is **8FBEB5**.

# Distribution



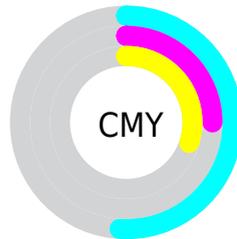
- Red (49%)
- Green (75%)
- Blue (70%)



- Red (49%)
- Yellow (63%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (51%)
- Magenta (25%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CBEB2 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 7CBEB2 by changing the saturation by 10% instead.

 7CBEB2

 7CBEB2

FFFFFF

 61A397

 B3F7EA

 47887D

 CFFFFFF

 2D6F65

 EFFFFFF

 0D564D

 003E36

 002821

 00100A

 000000

 7CBEB2

 7CBEB2

69BEAF

8FBEB5

56BEAB

A2BEB9

43BEA8

B5BEB0

30BEA4

C8BEC0

1DBEA1

DBBEC3

0ABE9D

EEBEC7

00BE9B

FFBECA

FFBECE

FFBED1

# Harmonies

## Analogous

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



91BC9C



7CBEB2



74BDC7

# Triad

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



7CBEB2



B7ACD7



D3A98C

# Complementary

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



7CBEB2



BE7C88

# 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.



DDA49C



7CBEB2



CFA5C7

# Square

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



7CBEB2



99B3DD



DCA2B1



C1B187

# Rectangle

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



7CBEB2



79BBD3



DCA2B1



D8A791

# Sweetspot

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



7CBEB2



DFF7F3



88BE7C



6E7D7A



FCFCFC



7D7D7D



# Same Dimension

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



7CBEB2



8FF7E4



7CA9BE



555E5D



009E81



001F19



# Inverse Universe

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



BE7C88



F78FA2



BE917C



5E5557



9E001D

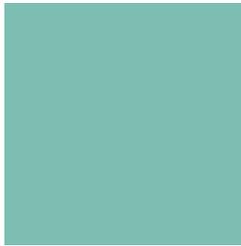


1F0006



# Previews

## White Background



This preview shows how the Hex color 7CBEB2 looks on a white background.

## Color Contrast Check

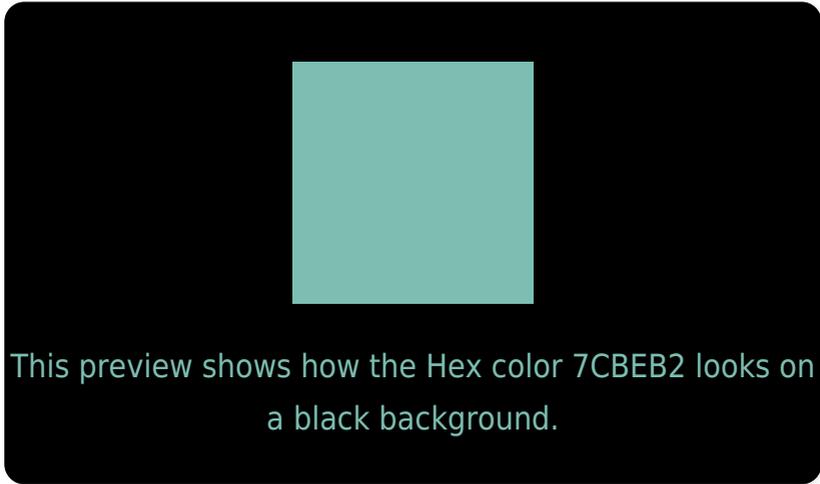
Large Text (above 18pt) WCAG AA × Fail

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

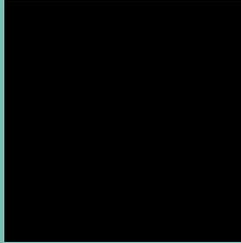
Any Text WCAG AA ✓ Pass

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 7CBEB2 Background



This preview shows how black text looks on a background with the Hex color 7CBEB2.



This preview shows how white text looks on a background with the Hex color 7CBEB2.

# 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**  
82BBC9

# Trichromacy



**Original Color**  
7CBEB2



**Protanomaly**  
A1B5AD



**Deuteranomaly**  
A7B2B5



**Tritanomaly**  
80BCC1

# Monochromacy



**Original Color**  
7CBEB2



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
99B1AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CBEB2 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 #7CBEB2 looks like.

```
.text, #text, p{  
    color:#7CBEB2  
}
```

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 #7CBEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CBEB2
}
```

## Border

The CSS property to change the border of an element to Hex 7CBEB2 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
#7CBEB2 }
```

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

```
.border{ border-color:#7CBEB2 }
```

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

Here you see how a box with a 4 pixel #7CBEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CBEB2; -webkit-box-shadow:4px 4px  
4px 4px #7CBEB2; box-shadow:4px 4px 4px  
4px #7CBEB2 }
```

# Background

The CSS property to change the background color of an element to Hex 7CBEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CBEB2 }
```

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

```
.background{ background-color:#7CBEB2 }
```

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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