

# Converting Colors

Hex(7BC18C)

Have a look what the booklet for  
Hex(7BC18C) contains.

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# **Color**

**Hex(7BC18C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC18C
RGB	123, 193, 140
RGB Percent	48%, 76%, 55%
CMY	0.5176, 0.2431, 0.4510
CMYK	0.36, 0.00, 0.27, 0.24
HSL	135°, 36%, 62%
HSV	135°, 36%, 76%
XYZ	31.9720, 44.2443, 31.6659
YIQ	166.0280, -24.7070, -31.3230

# Conversions

## Conversions Part 2

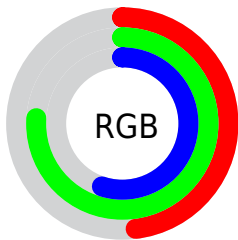
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 179, 193
Decimal	8110476
CIELab	72.39, -33.26, 19.89
CIELCh	72, 38.758, 149.121
Yxy	44.2443, 0.2964, 0.4101
Android (android.graphics.Color)	4286300556 (0xFF7BC18C)
YUV	166.0280, -12.8318, -37.7356
Hunter-Lab	66.5164, -30.6054, 18.3358

# Details

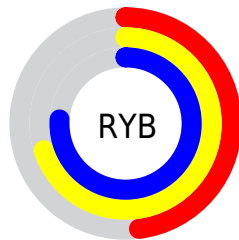
The Hex color **7BC18C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C17BB0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B2FAC2**, and **468B5A** is the 20% darker color. If you saturate the color by 10%, you get **68C17D**, and if you desaturate by 10%, it is **8EC19B**.

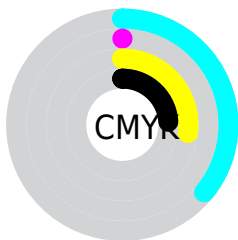
# Distribution



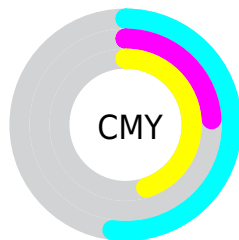
- Red (48%)
- Green (76%)
- Blue (55%)



- Red (48%)
- Yellow (70%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)



- Cyan (52%)
- Magenta (24%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC18C 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 7BC18C by changing the saturation by 10% instead.



 7BC18C

 7BC18C

FFFFFF

 60A672

 B2FAC2

 468B5A

 CEFFDE

 2C7142

 EBFFFA

 0C582B

 004016

 002A00

 000F00

 000000

 7BC18C

 7BC18C

 68C17D

 8EC19B

 54C16F

 A2C1A9

 41C160

 B5C1B8

 2EC152

 C8C1C6

 1BC143

 DCC1D5

 07C134

 EFC1E4

 00C12F

 FFC1F2

 FFC1FF

# Harmonies

## Analogous

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



A5BA72



7BC18C



4BC4AF

# Triad

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



7BC18C



7CB5F8



F69991

# Complementary

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



7BC18C



C17BB0

# 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.



F396B4



7BC18C



B4A9EF

# Square

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



7BC18C



3CBFED



DD9DD6



E6A376

# Rectangle

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



7BC18C



28C4C8



DD9DD6



F7979C

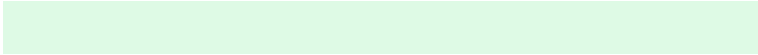


# Sweetspot

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



7BC18C



DEFAE5



B1C17B



6D7D71



FCFCFC



7D7D7D



# Same Dimension

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



7BC18C



8CFAA7



7BC1AE



57615A



00A127



002108



# Inverse Universe

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



C17BB0



FA8CDF



C17B8E



61575F



A1007A



210019



# Previews

## White Background



This preview shows how the Hex color 7BC18C looks on a white background.

## Color Contrast Check

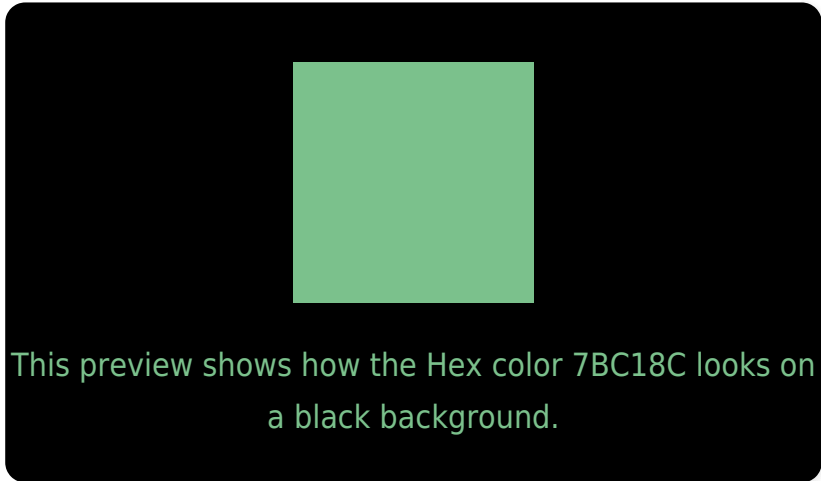
Large Text (above 18pt) WCAG AA × Fail

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

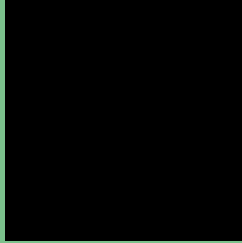
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BC18C Background



This preview shows how black text looks on a background with the Hex color 7BC18C.

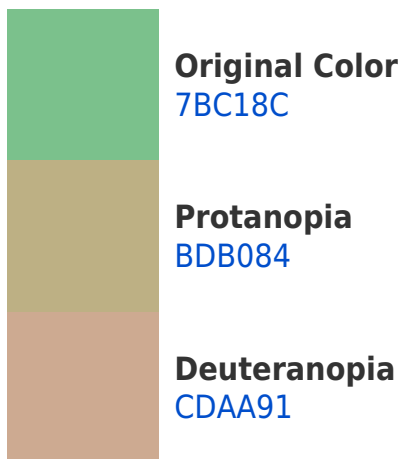


This preview shows how white text looks on a background with the Hex color 7BC18C.

# 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



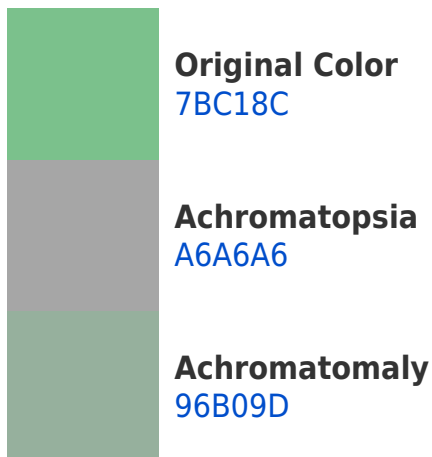


**Tritanopia**  
87B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC18C 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 #7BC18C looks like.

```
.text, #text, p{  
    color:#7BC18C  
}
```

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 #7BC18C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC18C
}
```

## Border

The CSS property to change the border of an element to Hex 7BC18C 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
#7BC18C }
```

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

```
.border{ border-color:#7BC18C }
```

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

Here you see how a box with a 4 pixel #7BC18C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC18C; -webkit-box-shadow:4px 4px  
4px 4px #7BC18C; box-shadow:4px 4px 4px  
4px #7BC18C }
```

# Background

The CSS property to change the background color of an element to Hex 7BC18C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC18C }
```

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

```
.background{ background-color:#7BC18C }
```

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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