

# Converting Colors

Hex(7BC99B)

Have a look what the booklet for  
Hex(7BC99B) contains.

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**Color**

**Hex(7BC99B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC99B
RGB	123, 201, 155
RGB Percent	48%, 79%, 61%
CMY	0.5176, 0.2118, 0.3922
CMYK	0.39, 0.00, 0.23, 0.21
HSL	145°, 42%, 64%
HSV	145°, 39%, 79%
XYZ	34.9714, 48.3508, 38.4998
YIQ	172.4340, -31.7220, -30.8420

# Conversions

## Conversions Part 2

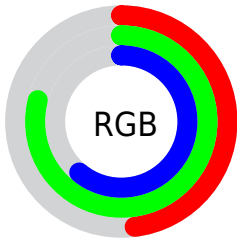
Format	Color
<a href="#">RYB</a>	<a href="#">123, 178, 201</a>
Decimal	<a href="#">8112539</a>
CIELab	<a href="#">75.05, -34.15, 15.55</a>
CIELCh	<a href="#">75, 37.526, 155.521</a>
Yxy	<a href="#">48.3508, 0.2871, 0.3969</a>
Android (android.graphics.Color)	<a href="#">4286302619</a> ( <a href="#">0xFF7BC99B</a> )
YUV	<a href="#">172.4340, -8.5950, -43.3536</a>
Hunter-Lab	<a href="#">69.5347, -31.9120, 15.8468</a>

# Details

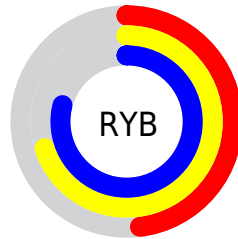
The Hex color **7BC99B** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C97BA9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B2FFD2**, and **459268** is the 20% darker color. If you saturate the color by 10%, you get **67C98F**, and if you desaturate by 10%, it is **8FC9A7**.

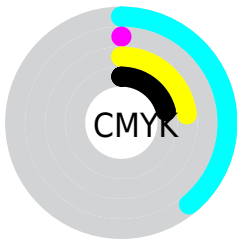
# Distribution



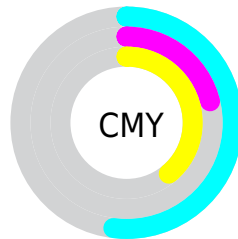
- Red (48%)
- Green (79%)
- Blue (61%)



- Red (48%)
- Yellow (70%)
- Blue (79%)



- Cyan (39%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)



- Cyan (52%)
- Magenta (21%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC99B 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 7BC99B by changing the saturation by 10% instead.



 7BC99B

 7BC99B

FFFFFF

 60AD81

 B2FFD2

 459268

 CFFFEE

 2A784F

 EBFFFF

 055F38

 004723

 00300D

 001A00

 000000

 7BC99B

 7BC99B

 67C98F

 8FC9A7

 53C983

 A3C9B3

 3FC977

 B7C9BF

 2BC96C

 CBC9CA

 17C960

 E0C9D6

 02C954

 F4C9E2

 00C952

 FFC9EE

 FFC9FA

 FFC9FF

# Harmonies

## Analogous

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



A5C37F



7BC99B



4FCCBE

# Triad

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



7BC99B



92BAFD



FAA292

# Complementary

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



7BC99B



C97BA9

# 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.



FB9EB4



7BC99B



C5ADF1

# Square

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



7BC99B



5AC4F7



EAA3D6



E8AD7B

# Rectangle

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



7BC99B



39CBD5



EAA3D6



FCA09D

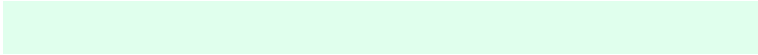


# Sweetspot

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



7BC99B



E0FFED



AAC97B



6E8075



000000



808080



# Same Dimension

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



7BC99B



87FFB8



7BC9C1



5A635E



00A343



00240F



# Inverse Universe

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



C97BA9



FF87CE



C97B83



635A5F



A30060



240015



# Previews

## White Background



This preview shows how the Hex color 7BC99B 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 7BC99B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

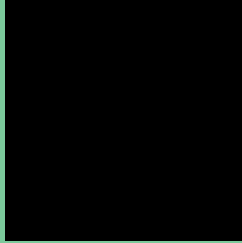
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BC99B Background



This preview shows how black text looks on a background with the Hex color 7BC99B.

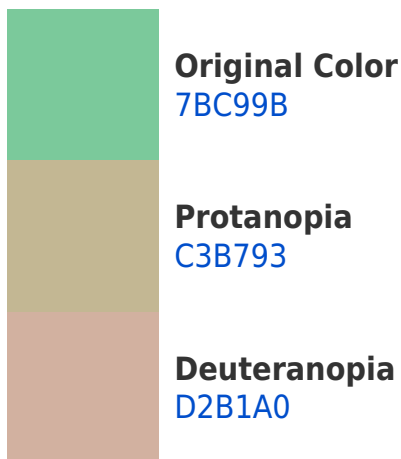


This preview shows how white text looks on a background with the Hex color 7BC99B.

# 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](#).

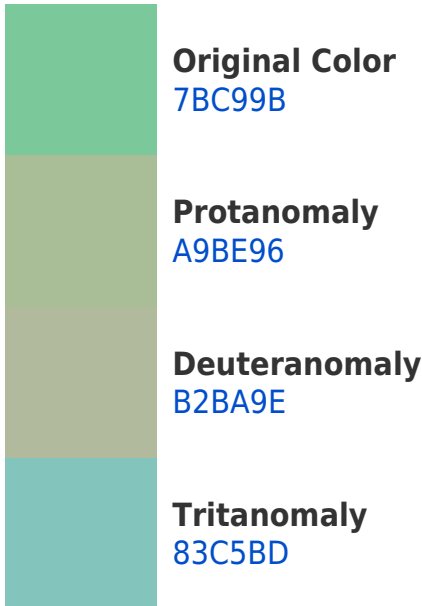
## Dichromacy



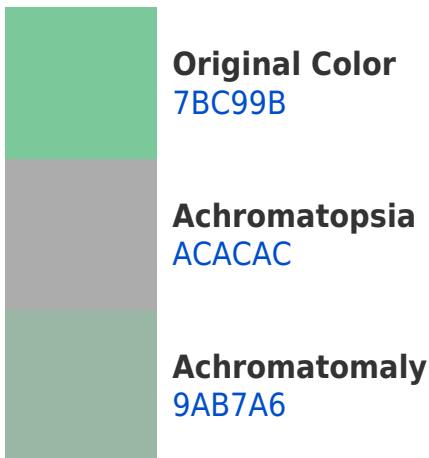


**Tritanopia**  
87C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC99B 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 #7BC99B looks like.

```
.text, #text, p{  
    color:#7BC99B  
}
```

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 #7BC99B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC99B
}
```

## Border

The CSS property to change the border of an element to Hex 7BC99B 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
#7BC99B }
```

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

```
.border{ border-color:#7BC99B }
```

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

Here you see how a box with a 4 pixel #7BC99B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC99B; -webkit-box-shadow:4px 4px  
4px 4px #7BC99B; box-shadow:4px 4px 4px  
4px #7BC99B }
```

# Background

The CSS property to change the background color of an element to Hex 7BC99B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC99B }
```

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

```
.background{ background-color:#7BC99B }
```

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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