

# Converting Colors

Hex(7BC09A)

Have a look what the booklet for  
Hex(7BC09A) contains.

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**Color**

**Hex(7BC09A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC09A
RGB	123, 192, 154
RGB Percent	48%, 75%, 60%
CMY	0.5176, 0.2471, 0.3961
CMYK	0.36, 0.00, 0.20, 0.25
HSL	147°, 35%, 62%
HSV	147°, 36%, 75%
XYZ	32.8508, 44.2433, 37.3802
YIQ	167.0370, -28.9260, -26.4460

# Conversions

## Conversions Part 2

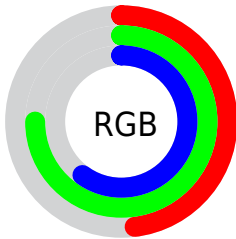
Format	Color
<a href="#">RYB</a>	<a href="#">123, 171, 192</a>
Decimal	<a href="#">8110234</a>
CIELab	<a href="#">72.39, -30.10, 12.36</a>
CIELCh	<a href="#">72, 32.541, 157.684</a>
Yxy	<a href="#">44.2433, 0.2870, 0.3865</a>
Android (android.graphics.Color)	<a href="#">4286300314 (0xFF7BC09A)</a>
YUV	<a href="#">167.0370, -6.4272, -38.6204</a>
Hunter-Lab	<a href="#">66.5157, -28.2448, 13.2414</a>

# Details

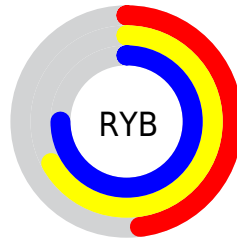
The Hex color **7BC09A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C07BA1**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B2F9D0**, and **468A67** is the 20% darker color. If you saturate the color by 10%, you get **68C08F**, and if you desaturate by 10%, it is **8EC0A5**.

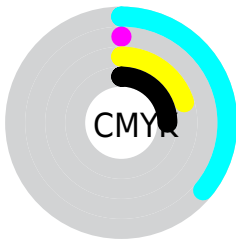
# Distribution



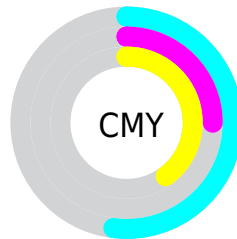
- Red (48%)
- Green (75%)
- Blue (60%)



- Red (48%)
- Yellow (67%)
- Blue (75%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)



- Cyan (52%)
- Magenta (25%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC09A 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 7BC09A by changing the saturation by 10% instead.



 7BC09A

 7BC09A

FFFFFF

 61A580

 B2F9D0

 468A67

 CEFFED

 2C704F

 EBFFFF

 0D5738

 004022

 00290D

 000F00

 000000

 7BC09A

 7BC09A

 68C08F

 8EC0A5

 55C085

 A1C0AF

 41C07A

 B5C0BA

 2EC070

 C8C0C4

 1BC065

 DBC0CF

 08C05B

 EEC0D9

 00C056

 FFC0E4

 FFC0EF

 FFC0F9

# Harmonies

## Analogous

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



9EBB82



7BC09A



5BC2B8

# Triad

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



7BC09A



95B2EC



EA9F8F

# Complementary

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



7BC09A



C07BA1

# 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.



EC9BAB



7BC09A



BFA7E1

# Square

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



7BC09A



69BBE8



DE9EC9



D9A87B

# Rectangle

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



7BC09A



4FC1CC



DE9EC9



EC9D97

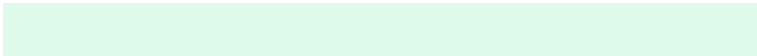


# Sweetspot

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



7BC09A



DEFAEB



A2C07B



6D7D74



FCFCFC



7D7D7D

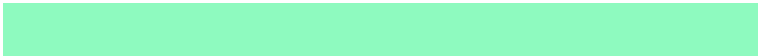


# Same Dimension

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



7BC09A



8EFABF



7BC0BB



57615C



00A148



00210F



# Inverse Universe

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



C07BA1



FA8ECA



C07B80



61575D



A10058



210012



# Previews

## White Background



This preview shows how the Hex color 7BC09A looks on a white background.

## Color Contrast Check

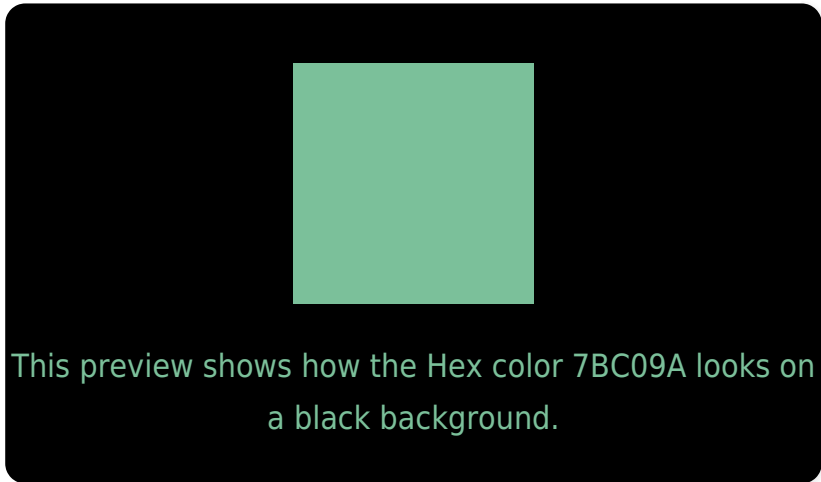
Large Text (above 18pt) WCAG AA × Fail

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

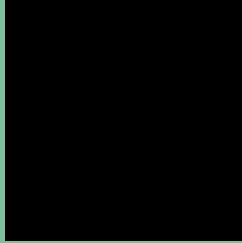
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BC09A Background



This preview shows how black text looks on a background with the Hex color 7BC09A.



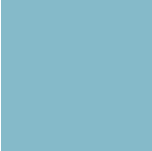
This preview shows how white text looks on a background with the Hex color 7BC09A.

# 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](#).

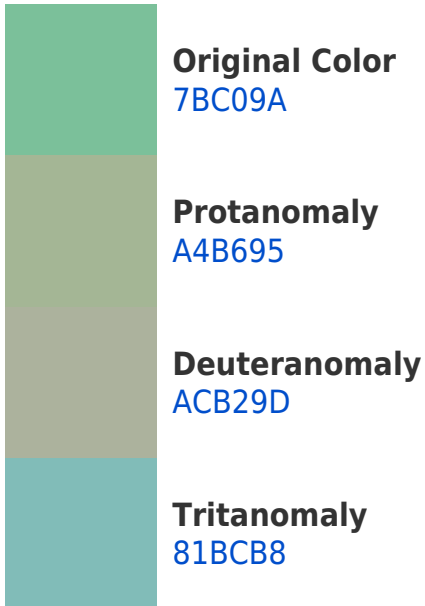
## Dichromacy



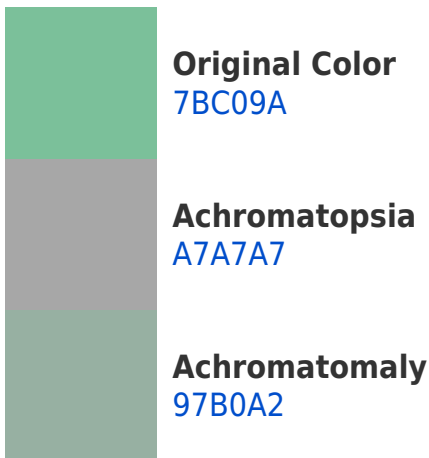


**Tritanopia**  
85BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC09A 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 #7BC09A looks like.

```
.text, #text, p{  
    color:#7BC09A  
}
```

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 #7BC09A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC09A
}
```

## Border

The CSS property to change the border of an element to Hex 7BC09A 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
#7BC09A }
```

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

```
.border{ border-color:#7BC09A }
```

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

Here you see how a box with a 4 pixel #7BC09A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC09A; -webkit-box-shadow:4px 4px  
4px 4px #7BC09A; box-shadow:4px 4px 4px  
4px #7BC09A }
```

# Background

The CSS property to change the background color of an element to Hex 7BC09A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC09A }
```

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

```
.background{ background-color:#7BC09A }
```

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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