

# Converting Colors

Hex(7CB7A6)

Have a look what the booklet for  
Hex(7CB7A6) contains.

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**Color**

**Hex(7CB7A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CB7A6
RGB	124, 183, 166
RGB Percent	49%, 72%, 65%
CMY	0.5137, 0.2824, 0.3490
CMYK	0.32, 0.00, 0.09, 0.28
HSL	163°, 29%, 60%
HSV	163°, 32%, 72%
XYZ	32.1286, 40.9052, 42.2785
YIQ	163.4210, -29.7070, -17.7950

# Conversions

## Conversions Part 2

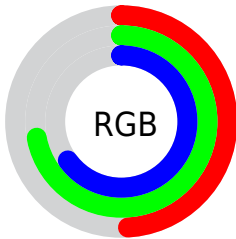
Format	Color
<a href="#">RYB</a>	<a href="#">124, 158, 183</a>
Decimal	<a href="#">8173478</a>
CIELab	<a href="#">70.11, -22.86, 2.56</a>
CIELCh	<a href="#">70, 23.003, 173.622</a>
Yxy	<a href="#">40.9052, 0.2786, 0.3547</a>
Android (android.graphics.Color)	<a href="#">4286363558 (0xFF7CB7A6)</a>
YUV	<a href="#">163.4210, 1.2714, -34.5722</a>
Hunter-Lab	<a href="#">63.9572, -22.2565, 5.5767</a>

# Details

The Hex color **7CB7A6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B77C8D**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B2EFDD**, and **488272** is the 20% darker color. If you saturate the color by 10%, you get **6AB7A1**, and if you desaturate by 10%, it is **8EB7AB**.

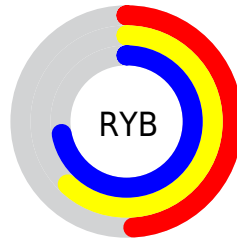
# Distribution



Red (49%)

Green (72%)

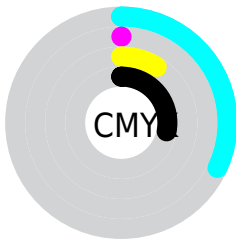
Blue (65%)



Red (49%)

Yellow (62%)

Blue (72%)

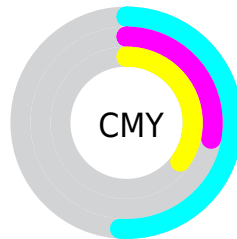


Cyan (32%)

Magenta (0%)

Yellow (9%)

Black (28%)



Cyan (51%)

Magenta (28%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CB7A6 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 7CB7A6 by changing the saturation by 10% instead.



 7CB7A6

 7CB7A6

FFFFFF

 629C8C


 B2EFDD

 488272

 CEFFFA

 2F685A

 EBFFFF

 135042

 00392C

 002318

 000100

 000000

 7CB7A6

 7CB7A6

 6AB7A1

 8EB7AB

 57B79B

 A1B7B1

 45B796

 B3B7B6

 33B791

 C5B7BB

 21B78C

 D8B7C0

 0EB786

 EAB7C6

 00B782

 FCB7CB

 FFB7D0

 FFB7D5

# Harmonies

## Analogous

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



92B492



7CB7A6



70B7BB

# Triad

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



7CB7A6



A9A8D1



CFA28B

# Complementary

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



7CB7A6



B77C8D

# 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.



D69D9C



7CB7A6



C2A1C4

# Square

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



7CB7A6



8CAFD4



D29DB1



BFA882

# Rectangle

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



7CB7A6



72B5C7



D29DB1



D3A08F



# Sweetspot

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



7CB7A6



D5EDE6



8EB77C



697874



F7F7F7



787878



# Same Dimension

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



7CB7A6



91EDD3



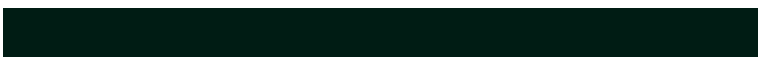
7CABB7



535C59



009C6F



001C14



# Inverse Universe

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



B77C8D



ED91AB



B7887C



5C5355



9C002D

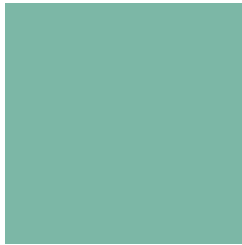


1C0008



# Previews

## White Background



This preview shows how the Hex color 7CB7A6 looks on a white background.

## Color Contrast Check

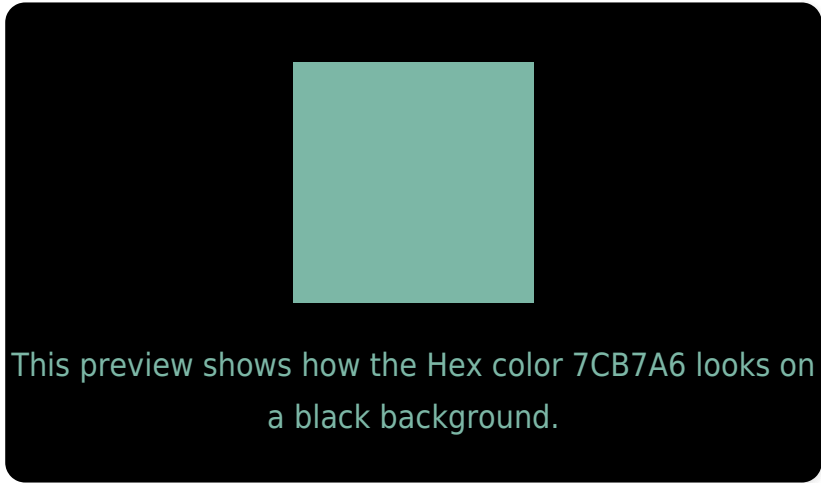
Large Text (above 18pt) WCAG AA × Fail

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

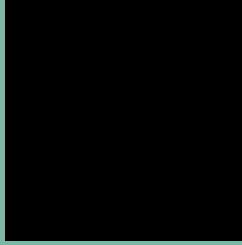
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CB7A6 Background



This preview shows how black text looks on a background with the Hex color 7CB7A6.

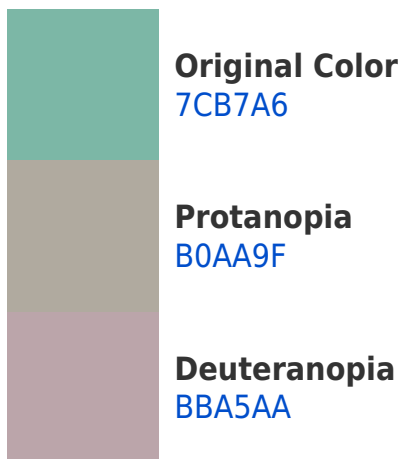


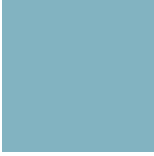
This preview shows how white text looks on a background with the Hex color 7CB7A6.

# 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](#).

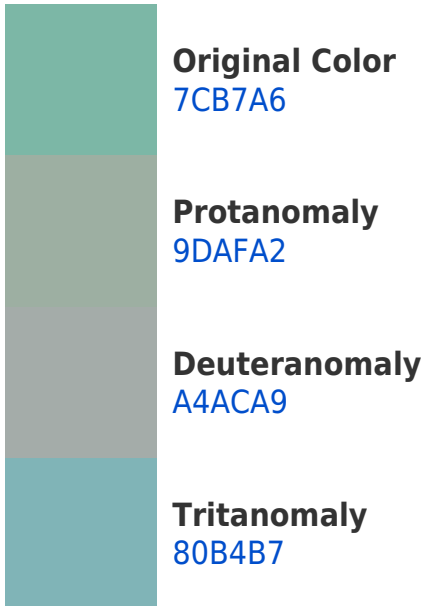
## Dichromacy



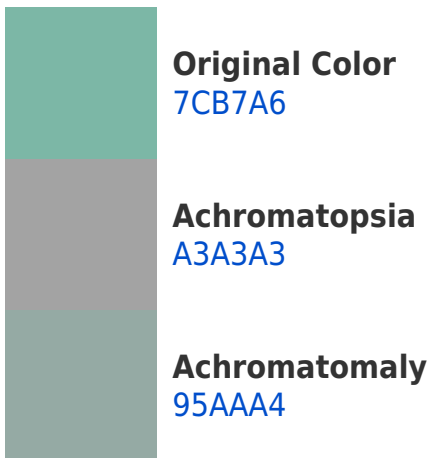


**Tritanopia**  
82B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CB7A6 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 #7CB7A6 looks like.

```
.text, #text, p{  
    color:#7CB7A6  
}
```

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 #7CB7A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB7A6
}
```

## Border

The CSS property to change the border of an element to Hex 7CB7A6 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
#7CB7A6 }
```

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

```
.border{ border-color:#7CB7A6 }
```

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

Here you see how a box with a 4 pixel #7CB7A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB7A6; -webkit-box-shadow:4px 4px  
4px 4px #7CB7A6; box-shadow:4px 4px 4px  
4px #7CB7A6 }
```

# Background

The CSS property to change the background color of an element to Hex 7CB7A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB7A6 }
```

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

```
.background{ background-color:#7CB7A6 }
```

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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