

# Converting Colors

Hex(7CB498)

Have a look what the booklet for  
Hex(7CB498) contains.

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# **Color**

**Hex(7CB498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CB498
RGB	124, 180, 152
RGB Percent	49%, 71%, 60%
CMY	0.5137, 0.2941, 0.4039
CMYK	0.31, 0.00, 0.16, 0.29
HSL	150°, 27%, 60%
HSV	150°, 31%, 71%
XYZ	30.3009, 39.1946, 35.6741
YIQ	160.0640, -24.3880, -20.5800

# Conversions

## Conversions Part 2

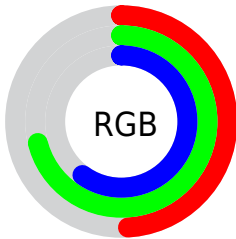
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 161, 180</a>
Decimal	<a href="#">8172696</a>
CIELab	<a href="#">68.89, -24.35, 8.49</a>
CIElCh	<a href="#">69, 25.784, 160.780</a>
Yxy	<a href="#">39.1946, 0.2881, 0.3727</a>
Android (android.graphics.Color)	<a href="#">4286362776 (0xFF7CB498)</a>
YUV	<a href="#">160.0640, -3.9756, -31.6281</a>
Hunter-Lab	<a href="#">62.6056, -23.1663, 10.0392</a>

# Details

The Hex color **7CB498** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B47C98**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B2ECCE**, and **497F65** is the 20% darker color. If you saturate the color by 10%, you get **6AB48F**, and if you desaturate by 10%, it is **8EB4A1**.

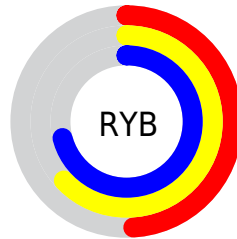
# Distribution



Red (49%)

Green (71%)

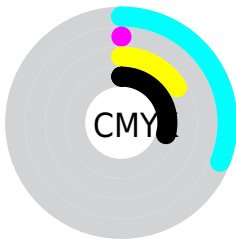
Blue (60%)



Red (49%)

Yellow (63%)

Blue (71%)

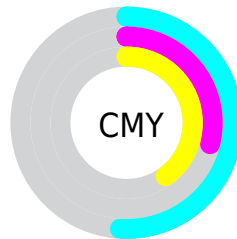


Cyan (31%)

Magenta (0%)

Yellow (16%)

Black (29%)



Cyan (51%)

Magenta (29%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CB498 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 7CB498 by changing the saturation by 10% instead.



 7CB498

 7CB498

FFFFFF

 62997E

 B2ECCE

 497F65

 CEFFEA

 30664D

 EAFFFF

 164D36

 003621

 00210B

 000000

 7CB498

 7CB498

 6AB48F

 8EB4A1

 58B486

 A0B4AA

 46B47D

 B2B4B3

 34B474

 C4B4BC

 22B46B

 D6B4C5

 10B462

 E8B4CE

 00B45A

 FAB4D7

 FFB4E0

 FFB4E9

# Harmonies

## Analogous

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



96B084



7CB498



67B5B0

# Triad

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



7CB498



97A7D6



D49B8B

# Complementary

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



7CB498



B47C98

# 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.



D797A0



7CB498



B69FCC

# Square

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



7CB498



77AFD4



CD99B8



C6A17D

# Rectangle

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



7CB498



62B4BF



CD99B8



D79991



# Sweetspot

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



7CB498



D5EBE0



98B47C



68756F



F5F5F5



757575



# Same Dimension

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



7CB498



94EBBF



7CB4B4



505955



00994D



001A0D



# Inverse Universe

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



B47C98



EB94BF



B47C7C



595055



99004D



1A000D



# Previews

## White Background



This preview shows how the Hex color 7CB498 looks on a white background.

## Color Contrast Check

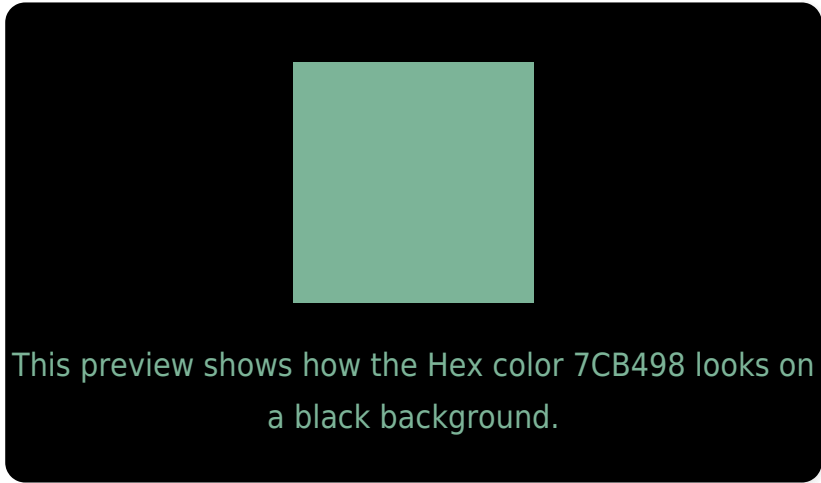
Large Text (above 18pt) WCAG AA × Fail

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

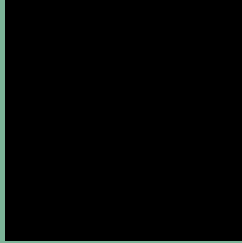
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CB498 Background



This preview shows how black text looks on a background with the Hex color 7CB498.



This preview shows how white text looks on a background with the Hex color 7CB498.

# 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](#).

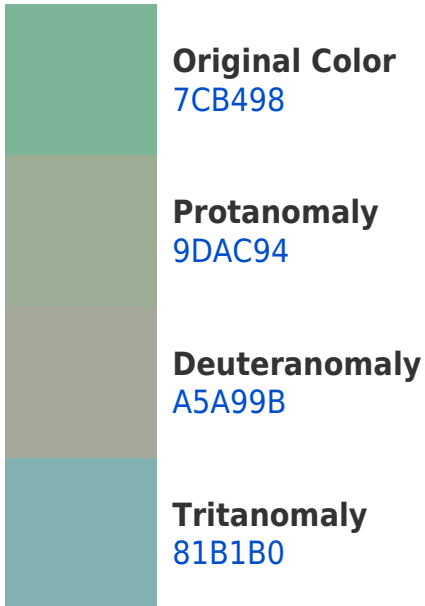
## Dichromacy



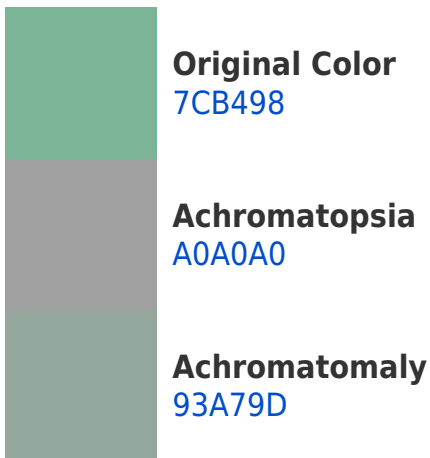


**Tritanopia**  
84AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CB498 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 #7CB498 looks like.

```
.text, #text, p{  
    color:#7CB498  
}
```

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 #7CB498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB498
}
```

## Border

The CSS property to change the border of an element to Hex 7CB498 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
#7CB498 }
```

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

```
.border{ border-color:#7CB498 }
```

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

Here you see how a box with a 4 pixel #7CB498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB498; -webkit-box-shadow:4px 4px  
4px 4px #7CB498; box-shadow:4px 4px 4px  
4px #7CB498 }
```

# Background

The CSS property to change the background color of an element to Hex 7CB498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB498 }
```

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

```
.background{ background-color:#7CB498 }
```

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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