

# Converting Colors

Hex(7CB68F)

Have a look what the booklet for  
Hex(7CB68F) contains.

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# **Color**

**Hex(7CB68F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CB68F
RGB	124, 182, 143
RGB Percent	49%, 71%, 56%
CMY	0.5137, 0.2863, 0.4392
CMYK	0.32, 0.00, 0.21, 0.29
HSL	140°, 28%, 60%
HSV	140°, 32%, 71%
XYZ	29.9981, 39.7242, 32.0731
YIQ	160.2120, -22.0490, -24.4250

# Conversions

## Conversions Part 2

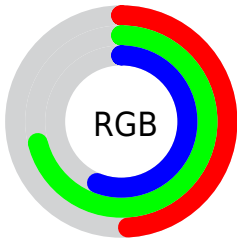
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 168, 182</a>
Decimal	<a href="#">8173199</a>
CIELab	<a href="#">69.27, -27.13, 13.95</a>
CIELCh	<a href="#">69, 30.505, 152.790</a>
Yxy	<a href="#">39.7242, 0.2947, 0.3902</a>
Android (android.graphics.Color)	<a href="#">4286363279</a> ( <a href="#">0xFF7CB68F</a> )
YUV	<a href="#">160.2120, -8.4855, -31.7579</a>
Hunter-Lab	<a href="#">63.0271, -25.3395, 13.9476</a>

# Details

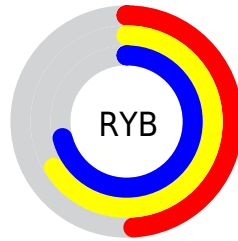
The Hex color **7CB68F** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B67CA3**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B2EEC5**, and **49815D** is the 20% darker color. If you saturate the color by 10%, you get **6AB683**, and if you desaturate by 10%, it is **8EB69B**.

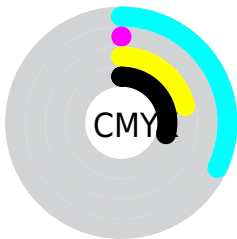
# Distribution



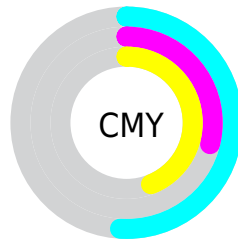
- Red (49%)
- Green (71%)
- Blue (56%)



- Red (49%)
- Yellow (66%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (21%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CB68F 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 7CB68F by changing the saturation by 10% instead.





7CB68F



7CB68F

FFFFFF



629B75



B2EEC5



49815D



CEFFE1



306745



EBFFFD



154F2E



003819



002300



000000



7CB68F



7CB68F



6AB683



8EB69B

 58B677

 A0B6A7

 45B66A

 B3B6B4

 33B65E

 C5B6C0

 21B652

 D7B6CC

 0FB646

 E9B6D8

 00B63C

 FBB6E5

 FFB6F1

 FFB6FD

# Harmonies

## Analogous

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



9CB07A



7CB68F



5EB8AB

# Triad

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



7CB68F



89ABE0



DF978D

# Complementary

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



7CB68F



B67CA3

# 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.



DE94A8



7CB68F



B0A1D8

# Square

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



7CB68F



61B3DA



CF98C3



D19F79

# Rectangle

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



7CB68F



50B8BE



CF98C3



E09595



# Sweetspot

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



7CB68F



D5EDDD



A4B67C



69786E



F7F7F7



787878



# Same Dimension

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



7CB68F



93EDB1



7CB6AB



535C56



009C33



001C09



# Inverse Universe

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



B67CA3



ED93D0



B67C87



5C5359



9C0069



1C0013



# Previews

## White Background



This preview shows how the Hex color 7CB68F looks on a white background.

## Color Contrast Check

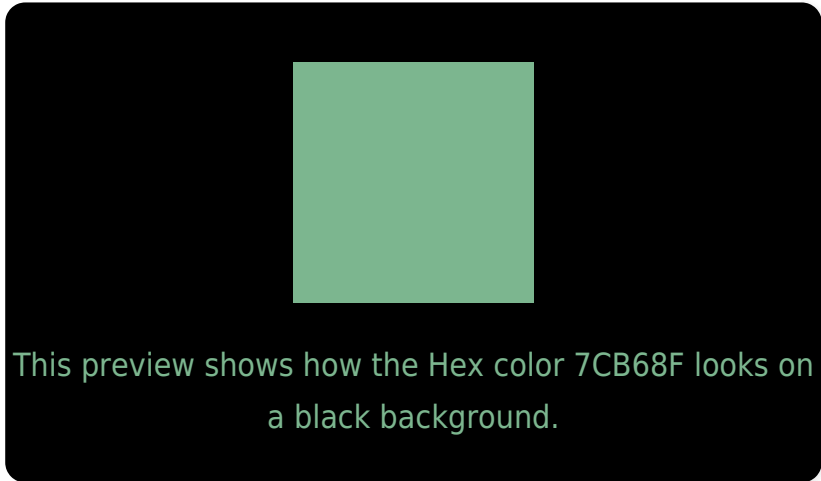
Large Text (above 18pt) WCAG AA × Fail

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

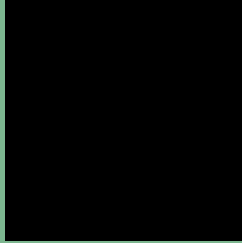
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7CB68F Background



This preview shows how black text looks on a background with the Hex color 7CB68F.



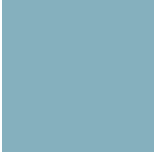
This preview shows how white text looks on a background with the Hex color 7CB68F.

# 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](#).

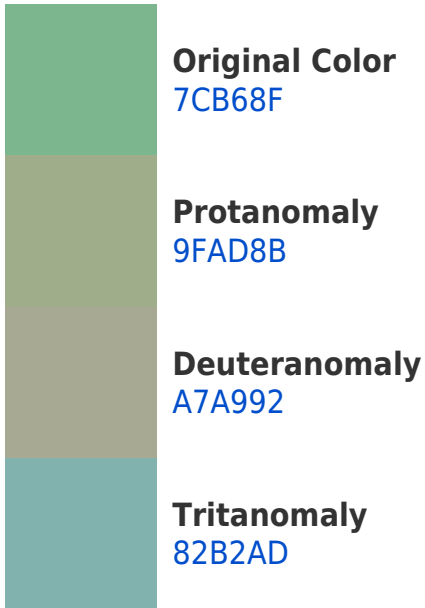
## Dichromacy



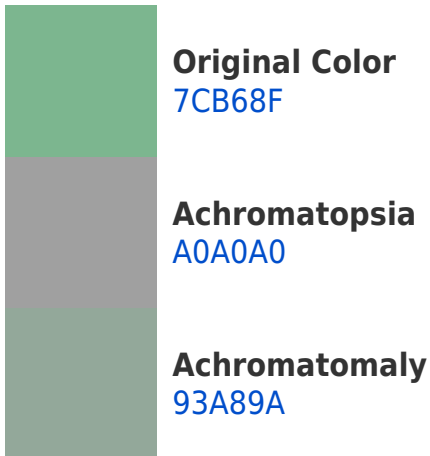


**Tritanopia**  
85B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CB68F 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 #7CB68F looks like.

```
.text, #text, p{  
    color:#7CB68F  
}
```

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 #7CB68F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB68F
}
```

## Border

The CSS property to change the border of an element to Hex 7CB68F 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
#7CB68F }
```

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

```
.border{ border-color:#7CB68F }
```

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

Here you see how a box with a 4 pixel #7CB68F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB68F; -webkit-box-shadow:4px 4px  
4px 4px #7CB68F; box-shadow:4px 4px 4px  
4px #7CB68F }
```

# Background

The CSS property to change the background color of an element to Hex 7CB68F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB68F }
```

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

```
.background{ background-color:#7CB68F }
```

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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