

# Converting Colors

Hex(7FC7C7)

Have a look what the booklet for  
Hex(7FC7C7) contains.

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# **Color**

**Hex(7FC7C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FC7C7
RGB	127, 199, 199
RGB Percent	50%, 78%, 78%
CMY	0.5020, 0.2196, 0.2196
CMYK	0.36, 0.00, 0.00, 0.22
HSL	180°, 39%, 64%
HSV	180°, 36%, 78%
XYZ	39.4846, 49.4824, 61.5028
YIQ	177.4720, -42.9120, -15.2640

# Conversions

## Conversions Part 2

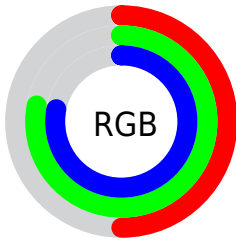
Format	Color
<a href="#">RYB</a>	<a href="#">127, 163, 199</a>
Decimal	<a href="#">8374215</a>
CIELab	<a href="#">75.75, -22.40, -7.14</a>
CIELCh	<a href="#">76, 23.507, 197.671</a>
Yxy	<a href="#">49.4824, 0.2624, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4286564295 (0xFF7FC7C7)</a>
YUV	<a href="#">177.4720, 10.6133, -44.2639</a>
Hunter-Lab	<a href="#">70.3437, -22.9077, -2.5977</a>

# Details

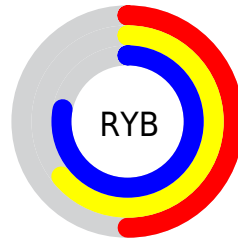
The Hex color **7FC7C7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C77F7F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B7FFFF**, and **499191** is the 20% darker color. If you saturate the color by 10%, you get **6BC7C7**, and if you desaturate by 10%, it is **93C7C7**.

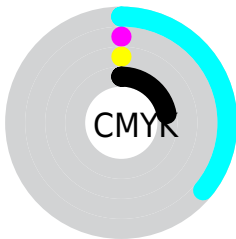
# Distribution



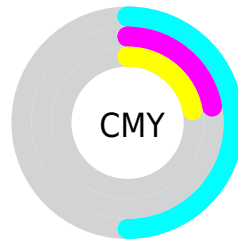
- Red (50%)
- Green (78%)
- Blue (78%)



- Red (50%)
- Yellow (64%)
- Blue (78%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FC7C7 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 7FC7C7 by changing the saturation by 10% instead.



 7FC7C7

 7FC7C7

FFFFFF

 64ACAC

 B7FFFF

 499191


 D3FFFF

 2C7778

 F0FFFF

 065E5F

 004647

 002F31

 001C1C

 000000

 7FC7C7

 7FC7C7

 6BC7C7

 93C7C7

 57C7C7

 A7C7C7

 43C7C7

 BBC7C7

 2FC7C7

 CFC7C7

 1BC7C7

 E3C7C7

 08C7C7

 F6C7C7

 00C7C7

 FFC7C7

# Harmonies

## Analogous

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



8EC6B1



7FC7C7



81C5DA

# Triad

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



7FC7C7



CEB1D8



D3B691

# Complementary

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



7FC7C7



C77F7F

# 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.



E3AF9C



7FC7C7



E1ACC5

# Square

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



7FC7C7



B2B8E4



E8ACAE



BEBD91

# Rectangle

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



7FC7C7



8DC1E2



E8ACAE



D9B493

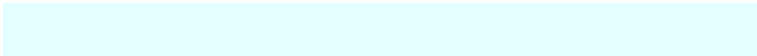


# Sweetspot

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



7FC7C7



E3FFFF



7FC77F



6F8080



000000



808080



# Same Dimension

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



7FC7C7



91FFFF



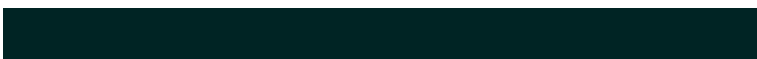
7FA3C7



5A6363



00A3A3



002424



# Inverse Universe

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



C77FC7



FF91FF



C7A37F



635A63



A300A3

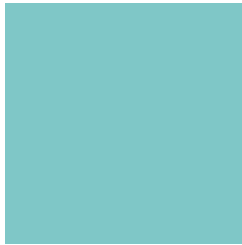


240024



# Previews

## White Background



This preview shows how the Hex color 7FC7C7 looks on a white background.

## Color Contrast Check

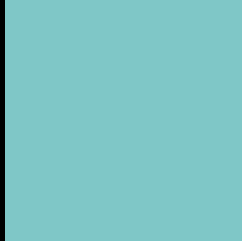
Large Text (above 18pt) WCAG AA × Fail

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 7FC7C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

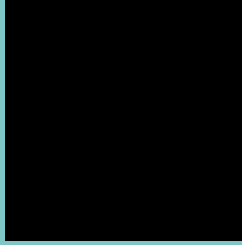
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

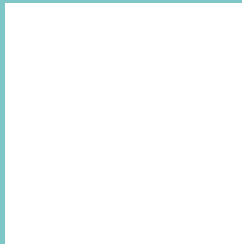
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FC7C7 Background



This preview shows how black text looks on a background with the Hex color 7FC7C7.



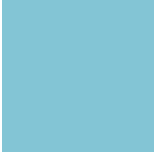
This preview shows how white text looks on a background with the Hex color 7FC7C7.

# 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](#).

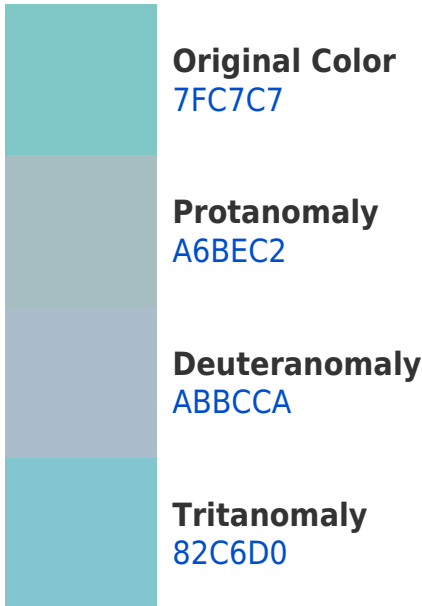
## Dichromacy



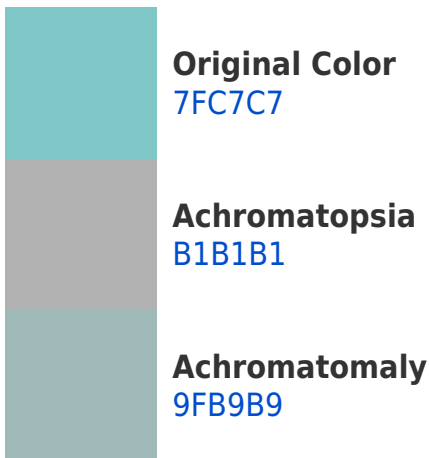


**Tritanopia**  
83C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FC7C7 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 #7FC7C7 looks like.

```
.text, #text, p{  
    color:#7FC7C7  
}
```

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 #7FC7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FC7C7
}
```

## Border

The CSS property to change the border of an element to Hex 7FC7C7 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
#7FC7C7 }
```

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

```
.border{ border-color:#7FC7C7 }
```

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

Here you see how a box with a 4 pixel `#7FC7C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FC7C7; -webkit-box-shadow:4px 4px  
4px 4px #7FC7C7; box-shadow:4px 4px 4px  
4px #7FC7C7 }
```

# Background

The CSS property to change the background color of an element to Hex 7FC7C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FC7C7 }
```

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

```
.background{ background-color:#7FC7C7 }
```

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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