

# Converting Colors

Hex(7FB7C3)

Have a look what the booklet for  
Hex(7FB7C3) contains.

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# **Color**

**Hex(7FB7C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FB7C3
RGB	127, 183, 195
RGB Percent	50%, 72%, 76%
CMY	0.5020, 0.2824, 0.2353
CMYK	0.35, 0.06, 0.00, 0.24
HSL	191°, 36%, 63%
HSV	191°, 35%, 76%
XYZ	35.5362, 42.3191, 57.9252
YIQ	167.6240, -37.2280, -8.1400

# Conversions

## Conversions Part 2

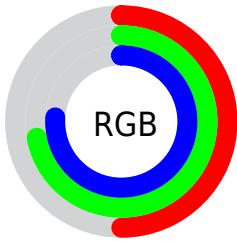
Format	Color
<a href="#">RYB</a>	<a href="#">127, 158, 195</a>
Decimal	<a href="#">8370115</a>
CIELab	<a href="#">71.09, -15.19, -11.90</a>
CIElCh	<a href="#">71, 19.294, 218.083</a>
Yxy	<a href="#">42.3191, 0.2617, 0.3117</a>
Android (android.graphics.Color)	<a href="#">4286560195 (0xFF7FB7C3)</a>
YUV	<a href="#">167.6240, 13.4964, -35.6272</a>
Hunter-Lab	<a href="#">65.0532, -16.3349, -7.2563</a>

# Details

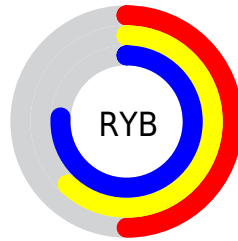
The Hex color **7FB7C3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C38B7F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B6EFFC**, and **4A828D** is the 20% darker color. If you saturate the color by 10%, you get **6CB4C3**, and if you desaturate by 10%, it is **93BAC3**.

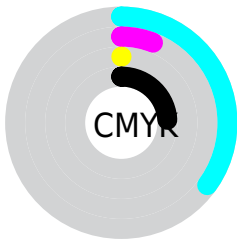
# Distribution



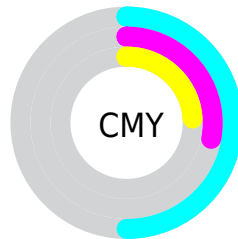
- Red (50%)
- Green (72%)
- Blue (76%)



- Red (50%)
- Yellow (62%)
- Blue (76%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (28%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FB7C3 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 7FB7C3 by changing the saturation by 10% instead.



 7FB7C3

 7FB7C3

FFFFFF

 649CA8


 B6EFC

 4A828D

 D2FFF

 2F6974

 EFFFF

 11515B

 003944

 00242E

 000919

 000000

 7FB7C3

 7FB7C3

6CB4C3

93BAC3

58B0C3

A6BEC3

45ADC3

BAC1C3

31A9C3

CDC5C3

1EA6C3

E1C8C3

0AA2C3

F4CCC3

00A1C3

FFCFC3

FFD3C3

FFD6C3

# Harmonies

## Analogous

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



82B8B2



7FB7C3



8BB3CE

# Triad

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



7FB7C3



C9A3BC



B7AE8B

# Complementary

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



7FB7C3



C38B7F

# 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.



C7A98E



7FB7C3



D2A2AA

# Square

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



7FB7C3



B7A8CA



D1A499



A3B492

# Rectangle

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



7FB7C3



98B0D1



D1A499



BDAC8B

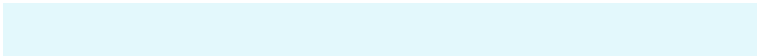


# Sweetspot

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



7FB7C3



E3F8FC



7FC38A



707D80



000000



808080



# Same Dimension

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



7FB7C3



92EAFC



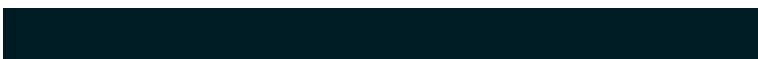
7F96C3



575F61



0084A1



001B21



# Inverse Universe

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



C37FB7



FC92EA



C3AC7F



61575F



A10084

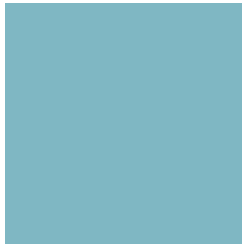


21001B



# Previews

## White Background



This preview shows how the Hex color 7FB7C3 looks on a white background.

## Color Contrast Check

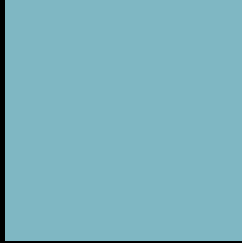
Large Text (above 18pt) WCAG AA × Fail

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 7FB7C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

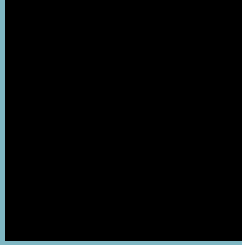
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FB7C3 Background



This preview shows how black text looks on a background with the Hex color 7FB7C3.

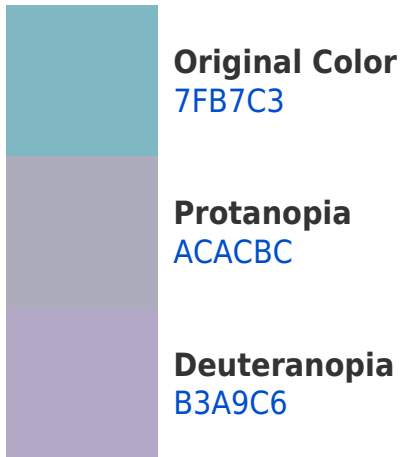


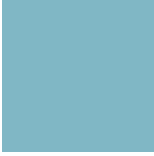
This preview shows how white text looks on a background with the Hex color 7FB7C3.

# 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](#).

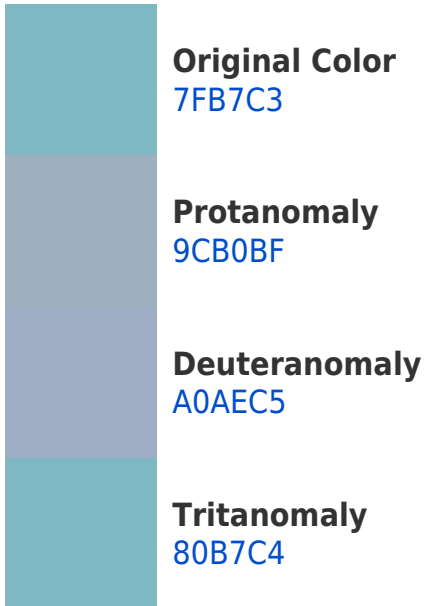
## Dichromacy



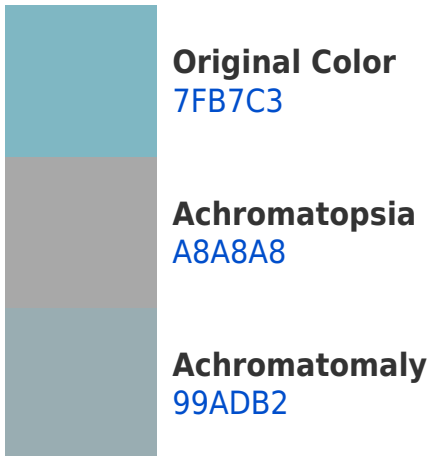


**Tritanopia**  
80B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FB7C3 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 #7FB7C3 looks like.

```
.text, #text, p{  
    color:#7FB7C3  
}
```

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 #7FB7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB7C3
}
```

## Border

The CSS property to change the border of an element to Hex 7FB7C3 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
#7FB7C3 }
```

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

```
.border{ border-color:#7FB7C3 }
```

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

Here you see how a box with a 4 pixel #7FB7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB7C3; -webkit-box-shadow:4px 4px  
4px 4px #7FB7C3; box-shadow:4px 4px 4px  
4px #7FB7C3 }
```

# Background

The CSS property to change the background color of an element to Hex 7FB7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB7C3 }
```

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

```
.background{ background-color:#7FB7C3 }
```

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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