

# Converting Colors

Hex(7FB7C4)

Have a look what the booklet for  
Hex(7FB7C4) contains.

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# **Color**

**Hex(7FB7C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FB7C4
RGB	127, 183, 196
RGB Percent	50%, 72%, 77%
CMY	0.5020, 0.2824, 0.2314
CMYK	0.35, 0.07, 0.00, 0.23
HSL	191°, 37%, 63%
HSV	191°, 35%, 77%
XYZ	35.6497, 42.3645, 58.5228
YIQ	167.7380, -37.5490, -7.8290

# Conversions

## Conversions Part 2

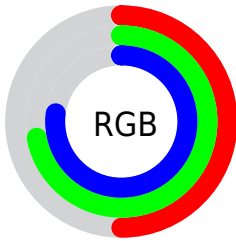
Format	Color
<a href="#">RYB</a>	<a href="#">127, 158, 196</a>
Decimal	<a href="#">8370116</a>
CIELab	<a href="#">71.12, -14.94, -12.40</a>
CIElCh	<a href="#">71, 19.415, 219.702</a>
Yxy	<a href="#">42.3645, 0.2611, 0.3103</a>
Android (android.graphics.Color)	<a href="#">4286560196 (0xFF7FB7C4)</a>
YUV	<a href="#">167.7380, 13.9332, -35.7272</a>
Hunter-Lab	<a href="#">65.0880, -16.1369, -7.7480</a>

# Details

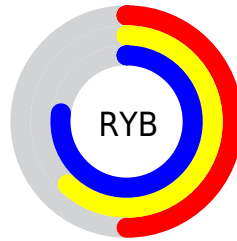
The Hex color **7FB7C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C48C7F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B6EFD**, and **4A828E** is the 20% darker color. If you saturate the color by 10%, you get **6BB3C4**, and if you desaturate by 10%, it is **93BBC4**.

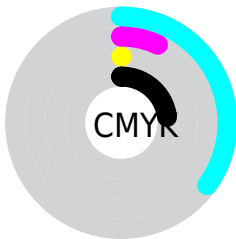
# Distribution



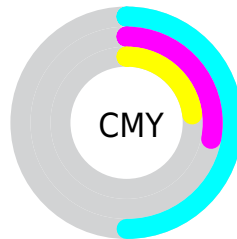
- Red (50%)
- Green (72%)
- Blue (77%)



- Red (50%)
- Yellow (62%)
- Blue (77%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (50%)
- Magenta (28%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FB7C4 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 7FB7C4 by changing the saturation by 10% instead.



 7FB7C4

 7FB7C4

FFFFFF

 649CA9


 B6EFFF

 4A828E

 D2FFFF

 2F6975

 EFFFFFF

 11515C

 003945

 00242E

 00091A

 000000

 7FB7C4

 7FB7C4

6BB3C4

93BBC4

58B0C4

A6BEC4

44ACC4

BAC2C4

31A8C4

CDC6C4

1DA5C4

E1C9C4

09A1C4

F5CDC4

009FC4

FFD1C4

FFD5C4

FFD8C4

# Harmonies

## Analogous

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



81B8B3



7FB7C4



8CB3CF

# Triad

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



7FB7C4



CAA3BB



B6AF8B

# Complementary

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



7FB7C4



C48C7F

# 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.



C7A98D



7FB7C4



D3A2A9

# Square

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



7FB7C4



B8A8C9



D1A498



A2B493

# Rectangle

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



7FB7C4



9AB0D1



D1A498



BCAD8B

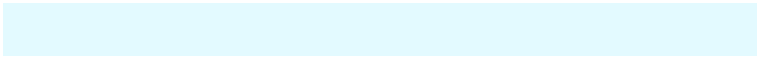


# Sweetspot

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



7FB7C4



E3FAFF



7FC48C



6F7C80



000000



808080

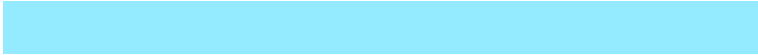


# Same Dimension

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



7FB7C4



94EBFF



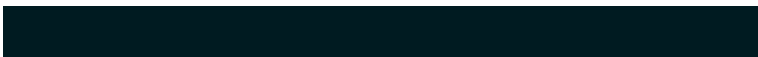
7F95C4



575F61



0082A1



001B21



# Inverse Universe

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



C47FB7



FF94EB



C4AE7F



61575F



A10082



21001B



# Previews

## White Background



This preview shows how the Hex color 7FB7C4 looks on a white background.

## Color Contrast Check

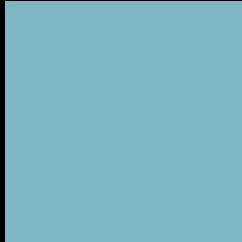
Large Text (above 18pt) WCAG AA × Fail

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 7FB7C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

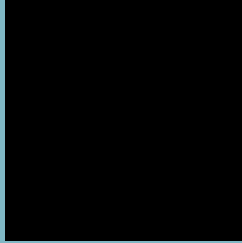
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FB7C4 Background



This preview shows how black text looks on a background with the Hex color 7FB7C4.

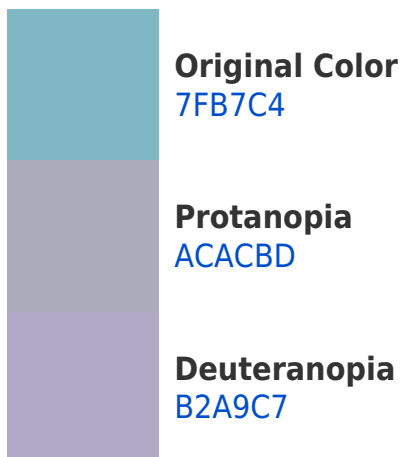


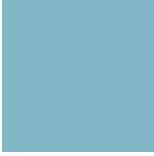
This preview shows how white text looks on a background with the Hex color 7FB7C4.

# 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



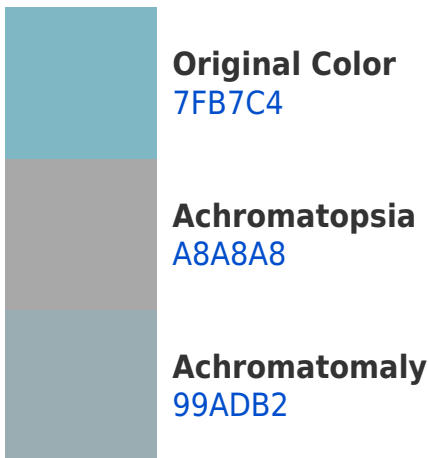


**Tritanopia**  
7FB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FB7C4 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 #7FB7C4 looks like.

```
.text, #text, p{  
    color:#7FB7C4  
}
```

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 #7FB7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB7C4
}
```

## Border

The CSS property to change the border of an element to Hex 7FB7C4 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
#7FB7C4 }
```

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

```
.border{ border-color:#7FB7C4 }
```

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

Here you see how a box with a 4 pixel #7FB7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB7C4; -webkit-box-shadow:4px 4px  
4px 4px #7FB7C4; box-shadow:4px 4px 4px  
4px #7FB7C4 }
```

# Background

The CSS property to change the background color of an element to Hex 7FB7C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB7C4 }
```

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

```
.background{ background-color:#7FB7C4 }
```

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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