

Converting Colors

Hex(7FB1BF)

Have a look what the booklet for
Hex(7FB1BF) contains.

Hex(7FB1BF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7FB1BF)

Conversions

Conversions Part 1

Format	Color
Hex	7FB1BF
RGB	127, 177, 191
RGB Percent	50%, 69%, 75%
CMY	0.5020, 0.3059, 0.2510
CMYK	0.34, 0.07, 0.00, 0.25
HSL	193°, 33%, 62%
HSV	193°, 34%, 75%
XYZ	33.8785, 39.7179, 55.1709
YIQ	163.6460, -34.2940, -6.2460

Conversions

Conversions Part 2

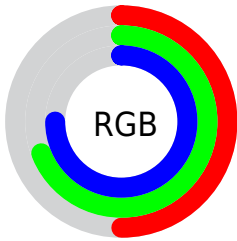
Format	Color
RYB	127, 155, 191
Decimal	8368575
CIELab	69.27, -13.02, -12.43
CIElCh	69, 18.004, 223.672
Yxy	39.7179, 0.2631, 0.3084
Android (android.graphics.Color)	4286558655 (0xFF7FB1BF)
YUV	163.6460, 13.4855, -32.1385
Hunter-Lab	63.0221, -14.3333, -7.7883

Details

The Hex color **7FB1BF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BF8D7F**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B6E9F7**, and **4B7C8A** is the 20% darker color. If you saturate the color by 10%, you get **6CADBF**, and if you desaturate by 10%, it is **92B5BF**.

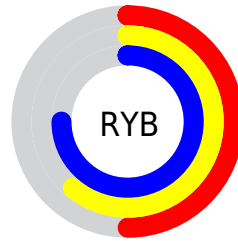
Distribution



Red (50%)

Green (69%)

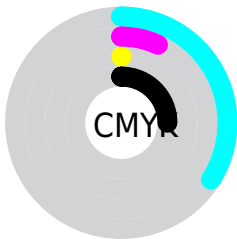
Blue (75%)



Red (50%)

Yellow (61%)

Blue (75%)

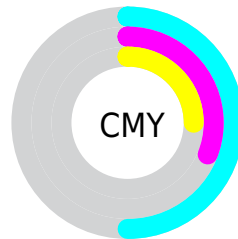


Cyan (34%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB1BF 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 7FB1BF by changing the saturation by 10% instead.

 7FB1BF

 7FB1BF


FFFFFF

 6596A4

 B6E9F7

 4B7C8A

 D2FFFF

 316370

 EFFFFFF

 144B58

 003540

 001F2A

 000116

 000000

 7FB1BF

 7FB1BF

6CADBF

92B5BF

59A9BF

A5B9BF

46A4BF

B8BEBF

33A0BF

CBC2BF

209CBF

DFC6BF

0C98BF

F2CABF

0095BF

FFCEBF

FFD2BF

FFD7BF

Harmonies

Analogous

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



7FB3B0



7FB1BF



8CADC8

Triad

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



7FB1BF



C49FB3



AEAA89

Complementary

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



7FB1BF



BF8D7F

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.



BEA58A



7FB1BF



CB9EA2

Square

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



7FB1BF



B5A3C1



C9A093



9BAF91

Rectangle

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



7FB1BF



99AAC9



C9A093



B4A989

Sweetspot

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



7FB1BF



DFF2F7



7FBF8D



6E7A7D



FCFCFC



7D7D7D

Same Dimension

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



7FB1BF



94E2F7



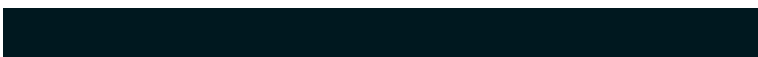
7F91BF



555C5E



007C9E



00181F

Inverse Universe

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



BF7FB1



F794E2



BFAD7F



5E555C



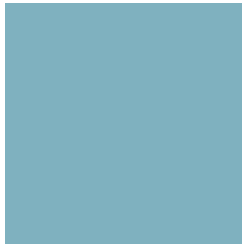
9E007C



1F0018

Previews

White Background



This preview shows how the Hex color 7FB1BF looks on a white background.

Color Contrast Check

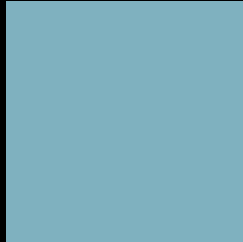
Large Text (above 18pt) WCAG AA × Fail

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 7FB1BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

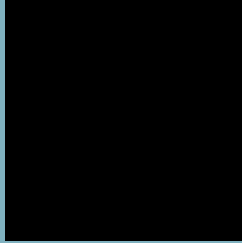
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

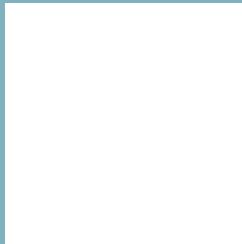
Any Text WCAG AAA ✓ Pass

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

Hex 7FB1BF Background



This preview shows how black text looks on a background with the Hex color 7FB1BF.

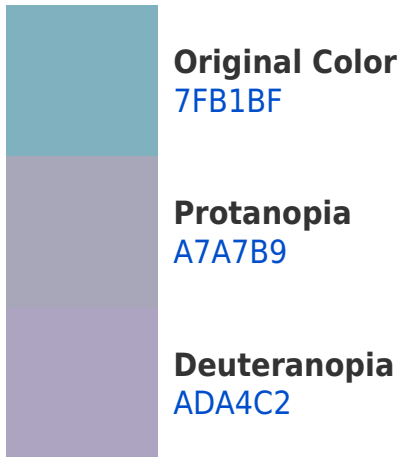


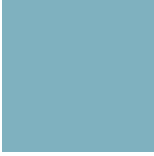
This preview shows how white text looks on a background with the Hex color 7FB1BF.

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](#).

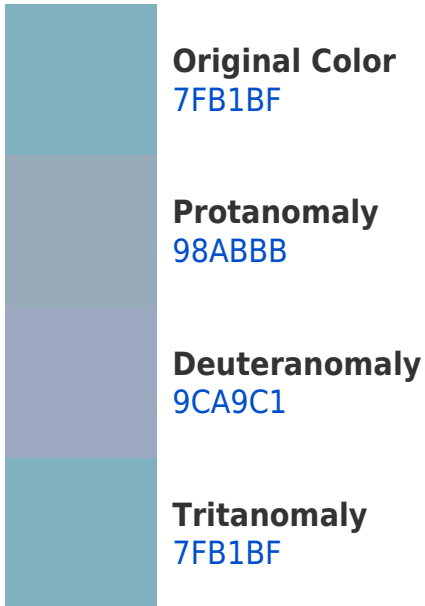
Dichromacy



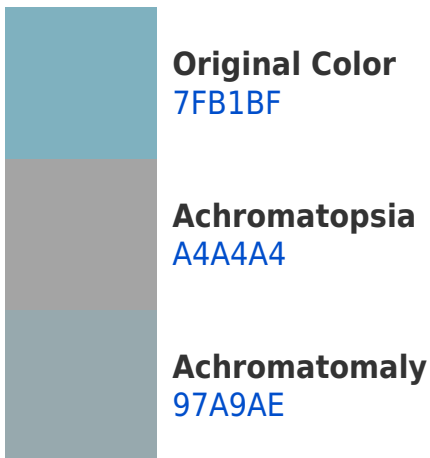


Tritanopia
7FB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB1BF 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 #7FB1BF looks like.

```
.text, #text, p{  
    color:#7FB1BF  
}
```

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 #7FB1BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB1BF
}
```

Border

The CSS property to change the border of an element to Hex 7FB1BF 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
#7FB1BF }
```

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

```
.border{ border-color:#7FB1BF }
```

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

Here you see how a box with a 4 pixel #7FB1BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB1BF; -webkit-box-shadow:4px 4px  
4px 4px #7FB1BF; box-shadow:4px 4px 4px  
4px #7FB1BF }
```

Background

The CSS property to change the background color of an element to Hex 7FB1BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB1BF }
```

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

```
.background{ background-color:#7FB1BF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor