

Converting Colors

Hex(7FBBB0)

Have a look what the booklet for
Hex(7FBBB0) contains.

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Color

Hex(7FBBB0)

Conversions

Conversions Part 1

Format	Color
Hex	7FBBB0
RGB	127, 187, 176
RGB Percent	50%, 73%, 69%
CMY	0.5020, 0.2667, 0.3098
CMYK	0.32, 0.00, 0.06, 0.27
HSL	169°, 31%, 62%
HSV	169°, 32%, 73%
XYZ	34.3592, 43.1873, 47.5993
YIQ	167.8060, -32.2290, -16.1410

Conversions

Conversions Part 2

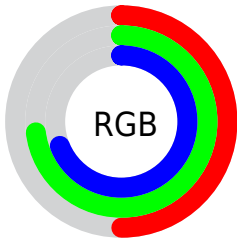
Format	Color
RYB	127, 160, 187
Decimal	8371120
CIELab	71.68, -21.76, -0.61
CIELCh	72, 21.766, 181.618
Yxy	43.1873, 0.2746, 0.3451
Android (android.graphics.Color)	4286561200 (0xFF7FBBB0)
YUV	167.8060, 4.0396, -35.7869
Hunter-Lab	65.7170, -21.6786, 3.0577

Details

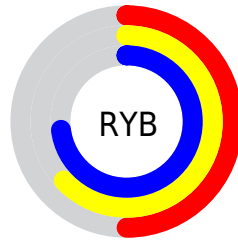
The Hex color **7FBBB0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BB7F8A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B6F3E8**, and **4B867C** is the 20% darker color. If you saturate the color by 10%, you get **6CBBAD**, and if you desaturate by 10%, it is **92BBB3**.

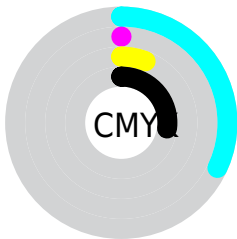
Distribution



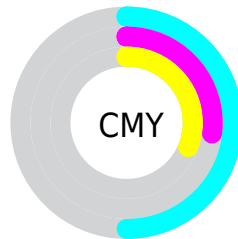
- Red (50%)
- Green (73%)
- Blue (69%)



- Red (50%)
- Yellow (63%)
- Blue (73%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (50%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FBBB0 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 7FBBB0 by changing the saturation by 10% instead.

 7FB8B0

 7FB8B0

FFFFFF

 65A095


 B6F3E8

 4B867C

 D2FFFF

 316C63

 EFFFFFF

 15544B

 003C34

 00261F

 000C07

 000000

 7FB8B0

 7FB8B0

 6CBBAD

 92BBB3

 5ABBA9

 A4BBB7

 47BBA6

 B7BBBA

 34BBA2

 CABBBE

 22BB9F

 DCBBC1

 0FBB9B

 EFBBC5

 00BB99

 FFBBC8

 FFBBCB

 FFBBCF

Harmonies

Analogous

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



91B99C



7FBBB0



78BAC4

Triad

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



7FBBB0



B4AAD1



CFA88D

Complementary

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



7FBBB0



BB7F8A

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.



D8A39C



7FBBB0



CAA4C3

Square

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



7FBBB0



9AB1D7



D7A2AF



BEAF88

Rectangle

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



7FBBB0



7DB8CE



D7A2AF



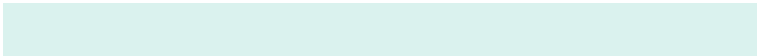
D3A691

Sweetspot

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



7FB8B0



DAF2EE



8ABB7F



6C7A78



FAFAFA



7A7A7A

Same Dimension

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



7FB8B0



94F2E1



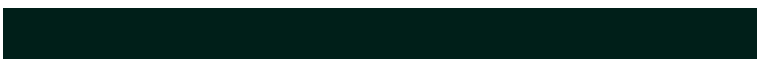
7FA8BB



555E5D



009E81



001F19

Inverse Universe

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



BB7F8A



F294A5



BB927F



5E5557



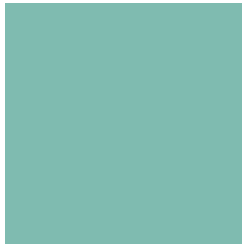
9E001D



1F0006

Previews

White Background



This preview shows how the Hex color 7FBBB0 looks on a white background.

Color Contrast Check

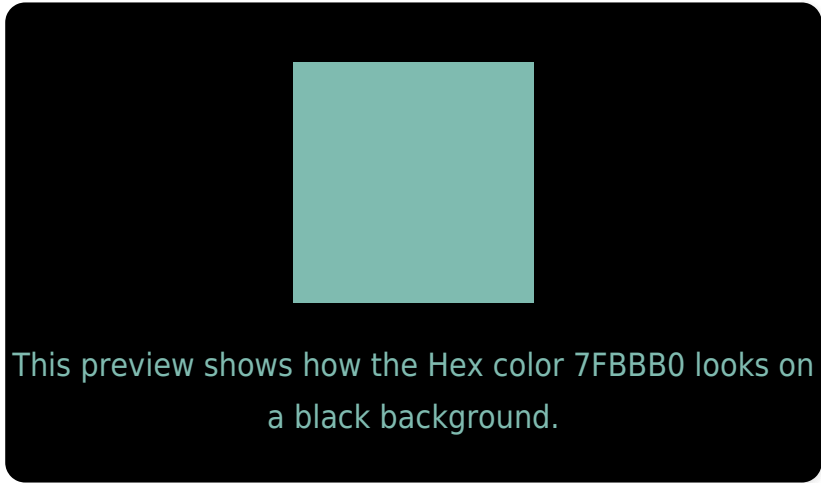
Large Text (above 18pt) WCAG AA × Fail

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

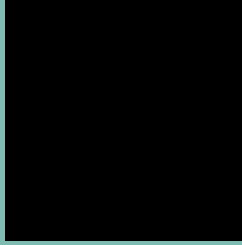
Any Text WCAG AA ✓ Pass

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 7FBBB0 Background



This preview shows how black text looks on a background with the Hex color 7FBBB0.



This preview shows how white text looks on a background with the Hex color 7FBBB0.

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](#).

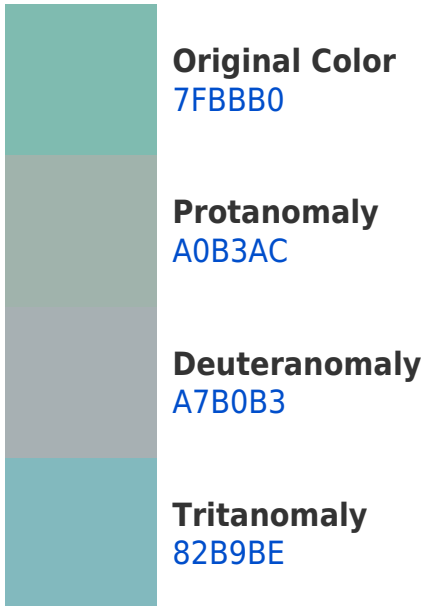
Dichromacy



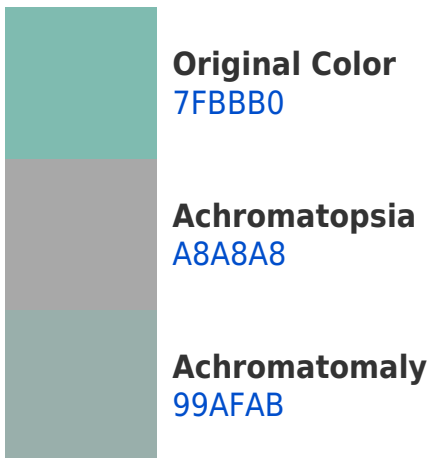


Tritanopia
84B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FBBB0 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 #7FBBB0 looks like.

```
.text, #text, p{  
    color:#7FBBB0  
}
```

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 #7FBBB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FBBB0
}
```

Border

The CSS property to change the border of an element to Hex 7FBBB0 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
#7FBBB0 }
```

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

```
.border{ border-color:#7FBBB0 }
```

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

Here you see how a box with a 4 pixel #7FBBB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FBBB0; -webkit-box-shadow:4px 4px  
4px 4px #7FBBB0; box-shadow:4px 4px 4px  
4px #7FBBB0 }
```

Background

The CSS property to change the background color of an element to Hex 7FBBB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FBBB0 }
```

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

```
.background{ background-color:#7FBBB0 }
```

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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