

Converting Colors

Hex(7FCB8B)

Have a look what the booklet for
Hex(7FCB8B) contains.

Hex(7FCB8B)	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(7FCB8B)

Conversions

Conversions Part 1

Format	Color
Hex	7FCB8B
RGB	127, 203, 139
RGB Percent	50%, 80%, 55%
CMY	0.5020, 0.2039, 0.4549
CMYK	0.37, 0.00, 0.32, 0.20
HSL	129°, 42%, 65%
HSV	129°, 37%, 80%
XYZ	34.7685, 49.0880, 32.0685
YIQ	172.9800, -24.7520, -36.0160

Conversions

Conversions Part 2

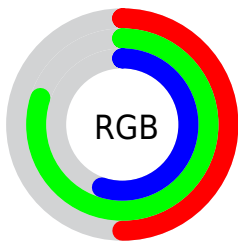
Format	Color
RYB	127, 193, 203
Decimal	8375179
CIELab	75.51, -36.83, 24.70
CIElCh	76, 44.349, 146.151
Yxy	49.0880, 0.2999, 0.4234
Android (android.graphics.Color)	4286565259 (0xFF7FCB8B)
YUV	172.9800, -16.7521, -40.3245
Hunter-Lab	70.0628, -34.0297, 21.9063

Details

The Hex color **7FCB8B** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CB7FBF**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B6FFC1**, and **499458** is the 20% darker color. If you saturate the color by 10%, you get **6BCB7A**, and if you desaturate by 10%, it is **93CB9C**.

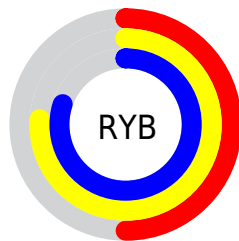
Distribution



Red (50%)

Green (80%)

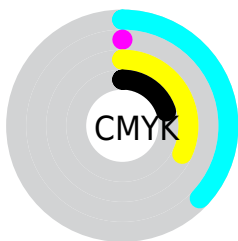
Blue (55%)



Red (50%)

Yellow (76%)

Blue (80%)

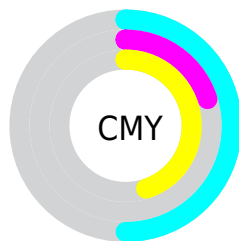


Cyan (37%)

Magenta (0%)

Yellow (32%)

Black (20%)



Cyan (50%)

Magenta (20%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FCB8B 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 7FCB8B by changing the saturation by 10% instead.

 7FCB8B

 7FCB8B

FFFFFF

 64AF71

 B6FFC1

 499458

 D3FFDD

 2E7A40


 F0FFFA

 0D612A

 004813

 003100

 001C00

 000000

 7FCB8B

 7FCB8B

 6BCB7A

 93CB9C

 56CB69

 A8CBAD

 42CB58

 BCCBBE

 2ECB47

 D0CBCF

 1ACB36

 E5CBE0

 05CB24

 F9CBF2

 00CB20

 FFCBFF

Harmonies

Analogous

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



B0C26F



7FCB8B



40CFB3

Triad

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



7FCB8B



71C0FF



FF9C98

Complementary

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



7FCB8B



CB7FBF

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.



FF9AC1



7FCB8B



B6B1FF

Square

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



7FCB8B



00CAFD



E8A3E8



F8A777

Rectangle

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



7FCB8B



00D0CF



E8A3E8



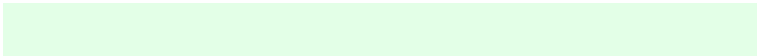
FF9AA5

Sweetspot

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



7FCB8B



E3FFE7



C0CB7F



6F8072



000000



808080

Same Dimension

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



7FCB8B



8CFF9E



7FCBB0



5C665D



00A61A



002606

Inverse Universe

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



CB7FBF



FF8CED



CB7F9A



665C64



A6008C



260020

Previews

White Background



This preview shows how the Hex color 7FCB8B looks on a white background.

Color Contrast Check

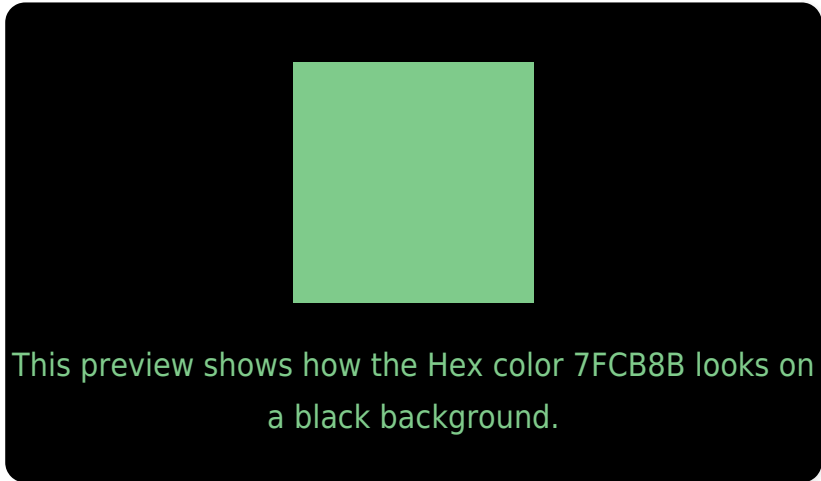
Large Text (above 18pt) WCAG AA × Fail

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

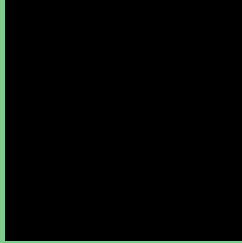
Any Text WCAG AA ✓ Pass

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 7FCB8B Background



This preview shows how black text looks on a background with the Hex color 7FCB8B.

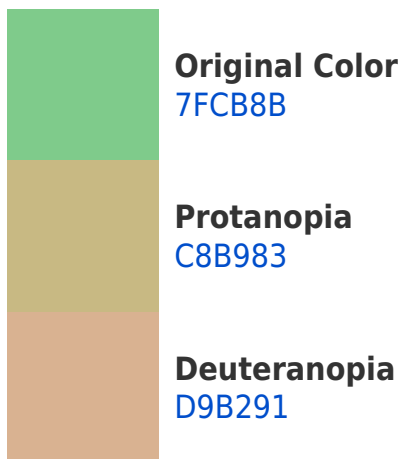


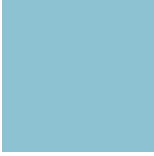
This preview shows how white text looks on a background with the Hex color 7FCB8B.

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](#).

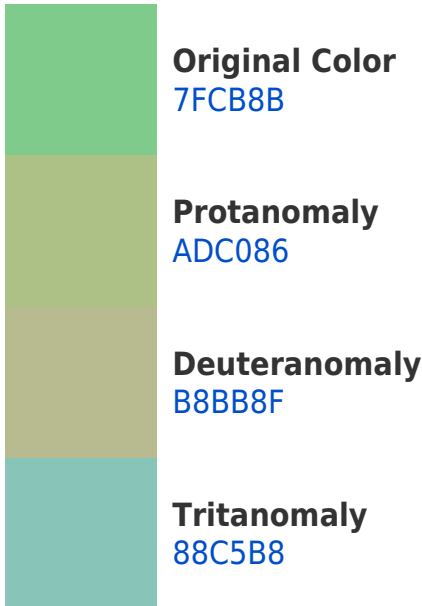
Dichromacy



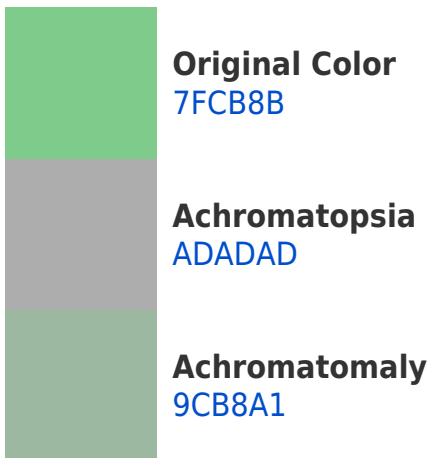


Tritanopia
8DC2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FCB8B 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 #7FCB8B looks like.

```
.text, #text, p{  
    color:#7FCB8B  
}
```

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 #7FCB8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FCB8B
}
```

Border

The CSS property to change the border of an element to Hex 7FCB8B 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
#7FCB8B }
```

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

```
.border{ border-color:#7FCB8B }
```

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

Here you see how a box with a 4 pixel #7FCB8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FCB8B; -webkit-box-shadow:4px 4px  
4px 4px #7FCB8B; box-shadow:4px 4px 4px  
4px #7FCB8B }
```

Background

The CSS property to change the background color of an element to Hex 7FCB8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FCB8B }
```

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

```
.background{ background-color:#7FCB8B }
```

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