

Converting Colors

Hex(7FBDAA)

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

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Color

Hex(7FBDAA)

Conversions

Conversions Part 1

Format	Color
Hex	7FBDA4
RGB	127, 189, 170
RGB Percent	50%, 74%, 67%
CMY	0.5020, 0.2588, 0.3333
CMYK	0.33, 0.00, 0.10, 0.26
HSL	162°, 32%, 62%
HSV	162°, 33%, 74%
XYZ	34.2057, 43.8095, 44.6835
YIQ	168.2960, -30.8530, -19.0530

Conversions

Conversions Part 2

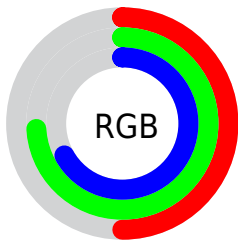
Format	Color
RYB	127, 164, 189
Decimal	8371626
CIELab	72.10, -24.10, 3.27
CIELCh	72, 24.316, 172.264
Yxy	43.8095, 0.2788, 0.3570
Android (android.graphics.Color)	4286561706 (0xFF7FBDA)
YUV	168.2960, 0.8401, -36.2166
Hunter-Lab	66.1887, -23.5833, 6.3059

Details

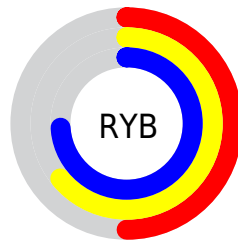
The Hex color **7FBDA4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD7F92**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B6F5E1**, and **4B8776** is the 20% darker color. If you saturate the color by 10%, you get **6CBDA4**, and if you desaturate by 10%, it is **92BDB0**.

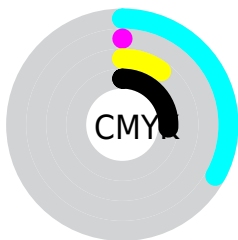
Distribution



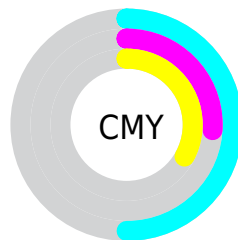
- Red (50%)
- Green (74%)
- Blue (67%)



- Red (50%)
- Yellow (64%)
- Blue (74%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (50%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 7FBDA4

 7FBDA4


FFFFFF

 65A290

 B6F5E1

 4B8776

 D2FFFE

 316E5D

 EFFFFFF

 155546

 003E2F

 00271B

 000E00

 000000

 7FBDA4

 7FBDA4

 6CBDA4

 92BDB0

 59BD9E

 A5BDB6

 46BD99

 B8BDBB

 33BD93

 CBBDC1

 20BD8D

 DEBDC7

 0EBD87

 F0BDCD

 00BD83

 FFBDD3

 FFBDD8

 FFBDD E

Harmonies

Analogous

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



96BA95



7FBDAA



71BDC1

Triad

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



7FBDAA



ADADDA



D7A68E

Complementary

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



7FBDA4



BD7F92

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.



DEA1A1



7FBDAA



C8A6CC

Square

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



7FBDA4



8EB5DC



D9A1B7



C7AD85

Rectangle

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



7FBDAA



72BCCE



D9A1B7



DBA494

Sweetspot

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



7FBDAA



DCF5ED



93BD7F



6C7A76



FAFAFA



7A7A7A

Same Dimension

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



7FBDA4



95F5D8



7FB2BD



555E5B



009E6E



001F15

Inverse Universe

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



BD7F92



F595B3



BD8A7F



5E5558



9E0030



1F0009

Previews

White Background



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

Color Contrast Check

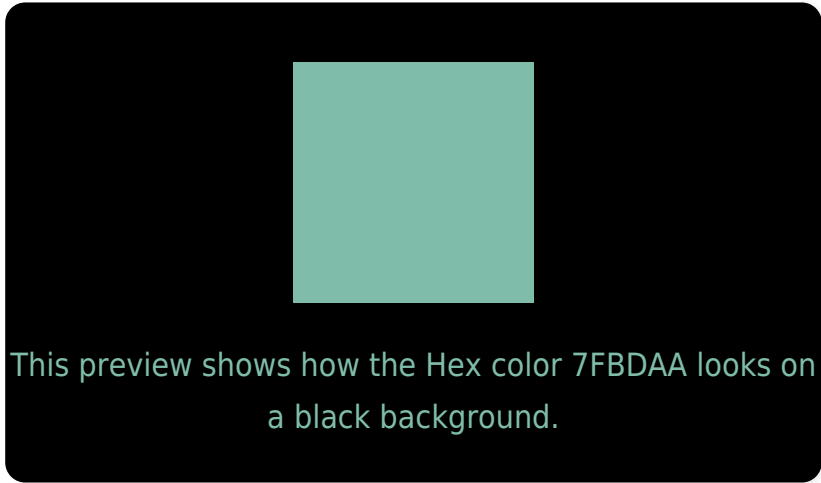
Large Text (above 18pt) WCAG AA × Fail

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 7FBDAA Background



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

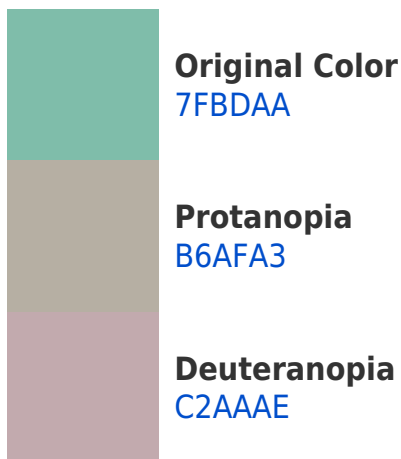


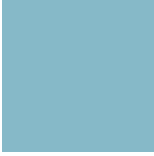
This preview shows how white text looks on a background with the Hex color 7FBDAA.

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](#).

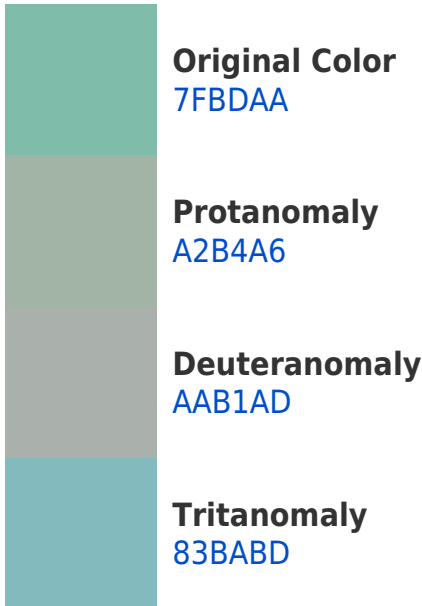
Dichromacy



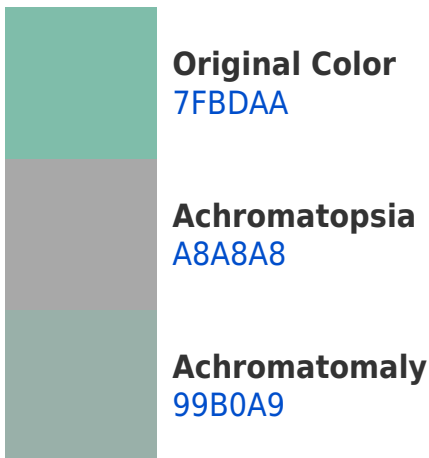


Tritanopia
86B9C8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7FBDA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FBDA4  
}
```

Border

The CSS property to change the border of an element to Hex 7FBDA4 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  
#7FBDA4 }
```

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

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

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

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

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

Background

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

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

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

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

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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