

# Converting Colors

Hex(7FBF89)

Have a look what the booklet for  
Hex(7FBF89) contains.

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# **Color**

**Hex(7FBF89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FBF89
RGB	127, 191, 137
RGB Percent	50%, 75%, 54%
CMY	0.5020, 0.2510, 0.4627
CMYK	0.34, 0.00, 0.28, 0.25
HSL	129°, 33%, 62%
HSV	129°, 34%, 75%
XYZ	31.8986, 43.5798, 30.3974
YIQ	165.7080, -20.8100, -30.3620

# Conversions

## Conversions Part 2

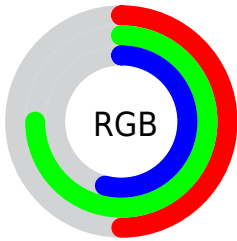
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 182, 191
Decimal	8372105
CIELab	71.95, -31.61, 20.92
CIElCh	72, 37.907, 146.508
Yxy	43.5798, 0.3013, 0.4116
Android (android.graphics.Color)	4286562185 (0xFF7FBF89)
YUV	165.7080, -14.1530, -33.9469
Hunter-Lab	66.0150, -29.2747, 18.9097

# Details

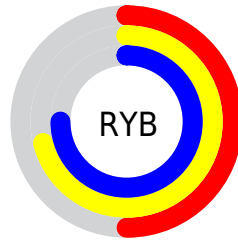
The Hex color **7FBF89** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **BF7FB5**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B6F8BF**, and **4B8957** is the 20% darker color. If you saturate the color by 10%, you get **6CBF79**, and if you desaturate by 10%, it is **92BF99**.

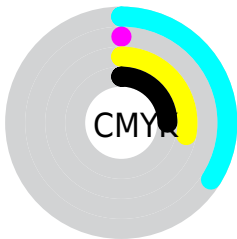
# Distribution



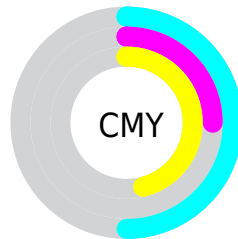
- Red (50%)
- Green (75%)
- Blue (54%)



- Red (50%)
- Yellow (71%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)



- Cyan (50%)
- Magenta (25%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FBF89 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 7FBF89 by changing the saturation by 10% instead.



 7FBF89

 7FBF89

FFFFFF

 65A46F

 B6F8BF

 4B8957

 D2FFDB

 316F3F

 EFFFF7

 155729

 003F13

 002800

 000D00

 000000

 7FBF89

 7FBF89

 6CBF79

 92BF99

 59BF69

 A5BFA9

 46BF59

 B8BFB9

 33BF49

 CBBFC9

 20BF38

 DFBFDA

 0CBF28

 F2BFEA

 00BF1E

 FFBFFA

 FFBFFF

# Harmonies

## Analogous

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



A8B871



7FBF89



51C3AB

# Triad

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



7FBF89



78B5F5



F39893

# Complementary

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



7FBF89



BF7FB5

# 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.



F096B6



7FBF89



AFA9EE

# Square

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



7FBF89



3CBEE9



D89DD7



E6A178

# Rectangle

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



7FBF89



32C3C3



D89DD7



F4969E



# Sweetspot

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



7FBF89



DFF7E2



B5BF7F



6E7D70



FCFCFC



7D7D7D



# Same Dimension

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



7FBF89



94F7A4



7FBFA9



555E56



009E19



001F05



# Inverse Universe

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



BF7FB5



F794E8



BF7F95



5E555D



9E0085



1F001A



# Previews

## White Background



This preview shows how the Hex color 7FBF89 looks on a white background.

## Color Contrast Check

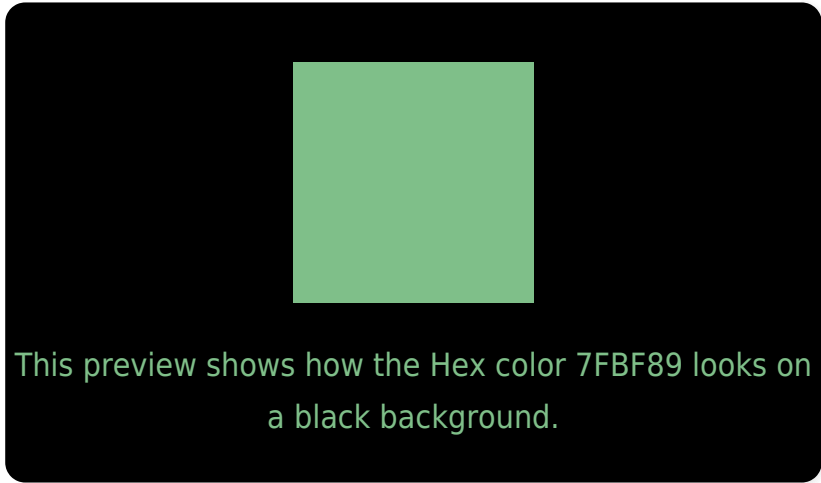
Large Text (above 18pt) WCAG AA × Fail

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 7FBF89 Background



This preview shows how black text looks on a background with the Hex color 7FBF89.

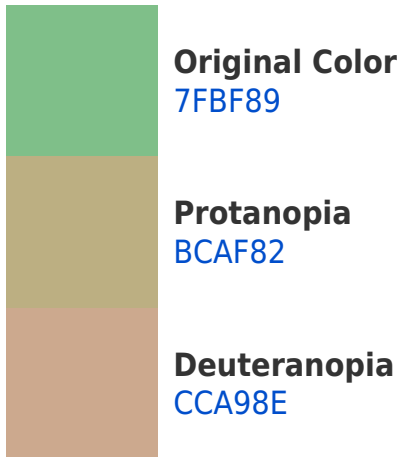


This preview shows how white text looks on a background with the Hex color 7FBF89.

# 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](#).

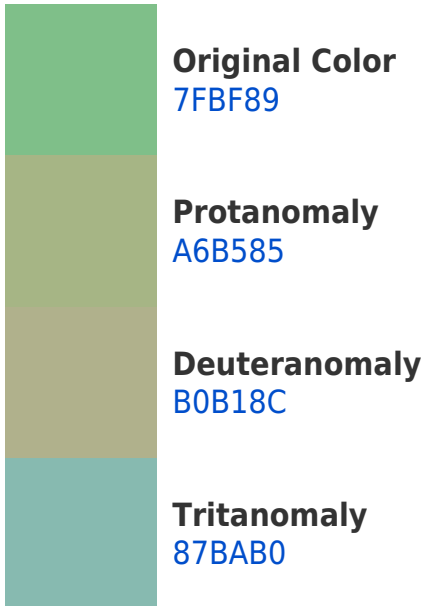
## Dichromacy



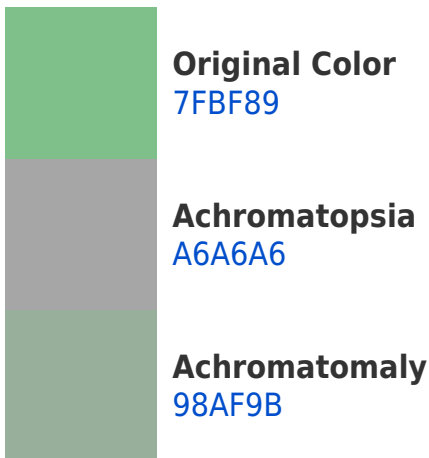


**Tritanopia**  
8BB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FBF89 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 #7FBF89 looks like.

```
.text, #text, p{  
    color:#7FBF89  
}
```

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 #7FBF89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FBF89
}
```

## Border

The CSS property to change the border of an element to Hex 7FBF89 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
#7FBF89 }
```

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

```
.border{ border-color:#7FBF89 }
```

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

Here you see how a box with a 4 pixel #7FBF89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FBF89; -webkit-box-shadow:4px 4px  
4px 4px #7FBF89; box-shadow:4px 4px 4px  
4px #7FBF89 }
```

# Background

The CSS property to change the background color of an element to Hex 7FBF89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FBF89 }
```

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

```
.background{ background-color:#7FBF89 }
```

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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