

# Converting Colors

Hex(7FBD89)

Have a look what the booklet for  
Hex(7FBD89) contains.

<b>Hex(7FBD89)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7FBD89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FBD89
RGB	127, 189, 137
RGB Percent	50%, 74%, 54%
CMY	0.5020, 0.2588, 0.4627
CMYK	0.33, 0.00, 0.28, 0.26
HSL	130°, 32%, 62%
HSV	130°, 33%, 74%
XYZ	31.4653, 42.7134, 30.2530
YIQ	164.5340, -20.2600, -29.3160

# Conversions

## Conversions Part 2

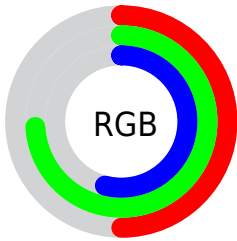
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 180, 189
Decimal	8371593
CIELab	71.36, -30.66, 20.11
CIELCh	71, 36.672, 146.738
Yxy	42.7134, 0.3013, 0.4090
Android (android.graphics.Color)	4286561673 (0xFF7FBD89)
YUV	164.5340, -13.5743, -32.9173
Hunter-Lab	65.3555, -28.4333, 18.3035

# Details

The Hex color **7FBD89** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **BD7FB3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B5F6BF**, and **4B8757** is the 20% darker color. If you saturate the color by 10%, you get **6CBD79**, and if you desaturate by 10%, it is **92BD99**.

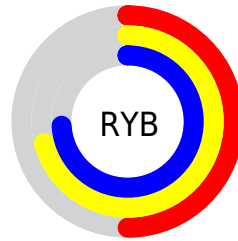
# Distribution



Red (50%)

Green (74%)

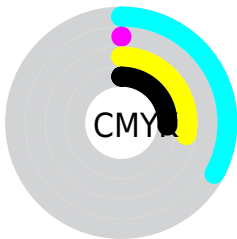
Blue (54%)



Red (50%)

Yellow (71%)

Blue (74%)

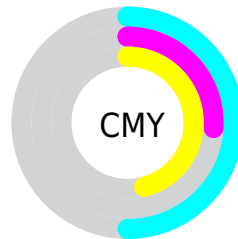


Cyan (33%)

Magenta (0%)

Yellow (28%)

Black (26%)



Cyan (50%)

Magenta (26%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FBD89 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 7FBD89 by changing the saturation by 10% instead.



 7FBD89

 7FBD89

FFFFFF

 65A26F

 B5F6BF

 4B8757

 D2FFDB

 316E3F

 EEEFF7

 165529

 003D13

 002700

 000900

 000000

 7FBD89

 7FBD89

 6CBD79

 92BD99

 59BD69

 A5BDA9

 46BD59

 B8BDB9

 33BD4A

 CBBDC8

 20BD3A

 DEBDD8

 0EBD2A

 F0BDE8

 00BD1E

 FFBDF8

 FFBDFE

# Harmonies

## Analogous

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



A6B672



7FBD89



54C1AA

# Triad

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



7FBD89



79B3F1



F09792

# Complementary

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



7FBD89



BD7FB3

# 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.



EC95B4



7FBD89



AEA7EA

# Square

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



7FBD89



42BCE6



D69CD4



E2A078

# Rectangle

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



7FBD89



38C1C1



D69CD4



F1959D



# Sweetspot

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



7FBD89



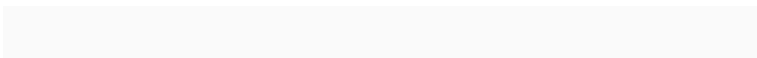
DCF5E0



B4BD7F



6C7A6E



FAFAFA



7A7A7A

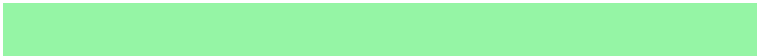


# Same Dimension

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



7FBD89



95F5A5



7FBDA7



555E56



009E19



001F05



# Inverse Universe

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



BD7FB3



F595E5



BD7F95



5E555D



9E0085



1F001A



# Previews

## White Background



This preview shows how the Hex color 7FBD89 looks on a white background.

## Color Contrast Check

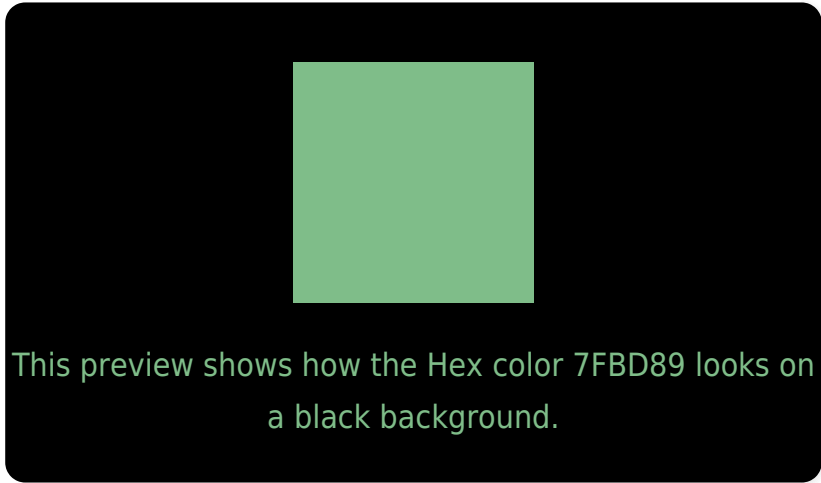
Large Text (above 18pt) WCAG AA × Fail

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

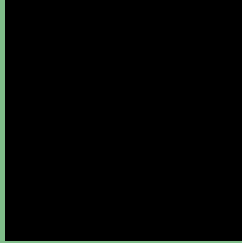
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FBD89 Background



This preview shows how black text looks on a background with the Hex color 7FBD89.

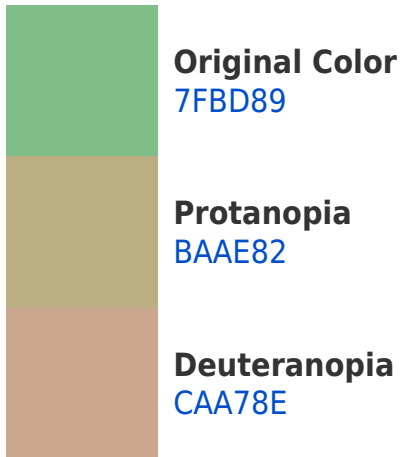


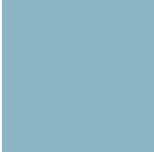
This preview shows how white text looks on a background with the Hex color 7FBD89.

# 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](#).

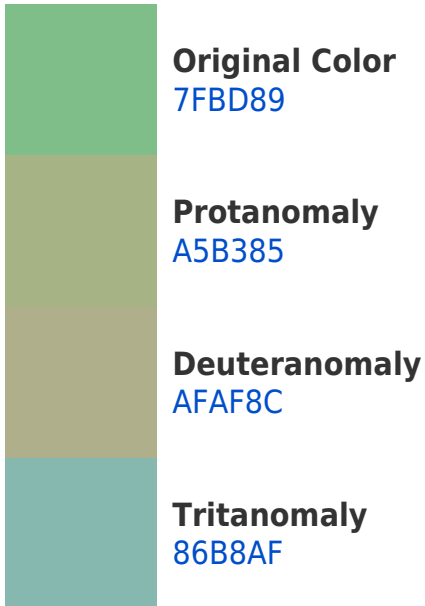
## Dichromacy



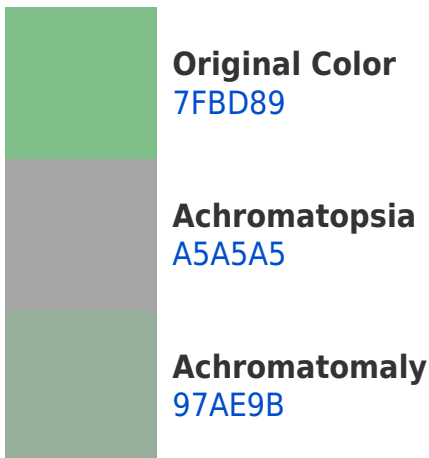


**Tritanopia**  
8AB5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FBD89 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 #7FBD89 looks like.

```
.text, #text, p{  
    color:#7FBD89  
}
```

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 #7FBD89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FBD89
}
```

## Border

The CSS property to change the border of an element to Hex 7FBD89 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
#7FBD89 }
```

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

```
.border{ border-color:#7FBD89 }
```

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

Here you see how a box with a 4 pixel #7FBD89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FBD89; -webkit-box-shadow:4px 4px  
4px 4px #7FBD89; box-shadow:4px 4px 4px  
4px #7FBD89 }
```

# Background

The CSS property to change the background color of an element to Hex 7FBD89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FBD89 }
```

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

```
.background{ background-color:#7FBD89 }
```

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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