

# Converting Colors

Hex(7FB07B)

Have a look what the booklet for  
Hex(7FB07B) contains.

<b>Hex(7FB07B)</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(7FB07B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FB07B
RGB	127, 176, 123
RGB Percent	50%, 69%, 48%
CMY	0.5020, 0.3098, 0.5176
CMYK	0.28, 0.00, 0.30, 0.31
HSL	115°, 25%, 59%
HSV	115°, 30%, 69%
XYZ	27.8529, 36.9928, 24.4112
YIQ	155.3070, -12.1910, -26.8710

# Conversions

## Conversions Part 2

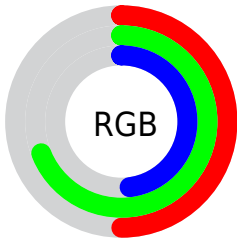
Format	Color
<a href="#">RYB</a>	<a href="#">123, 176, 172</a>
Decimal	<a href="#">8368251</a>
CIELab	<a href="#">67.27, -26.82, 22.07</a>
CIElCh	<a href="#">67, 34.735, 140.546</a>
Yxy	<a href="#">36.9928, 0.3121, 0.4145</a>
Android (android.graphics.Color)	<a href="#">4286558331 (0xFF7FB07B)</a>
YUV	<a href="#">155.3070, -15.9274, -24.8252</a>
Hunter-Lab	<a href="#">60.8217, -24.6950, 18.7787</a>

# Details

The Hex color **7FB07B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AC7BB0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B5E8B0**, and **4C7B4A** is the 20% darker color. If you saturate the color by 10%, you get **6FB069**, and if you desaturate by 10%, it is **8FB08D**.

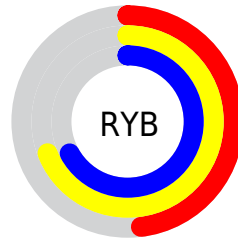
# Distribution



Red (50%)

Green (69%)

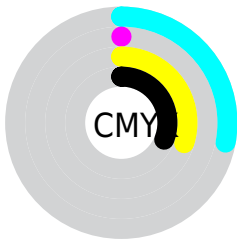
Blue (48%)



Red (48%)

Yellow (69%)

Blue (67%)

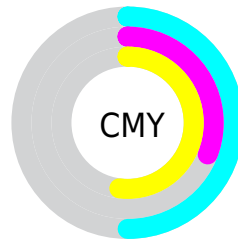


Cyan (28%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (50%)

Magenta (31%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FB07B 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 7FB07B by changing the saturation by 10% instead.





7FB07B



7FB07B

FFFFFF



659562



B5E8B0



4C7B4A



D1FFCB



336233



EDFFE8



1B4A1D



003305



001F00



000000



7FB07B



7FB07B



6FB069



8FB08D

 5EB058

 A0B09E

 4EB046

 B0B0B0

 3EB035

 C0B0C1

 2EB023

 D0B0D3

 1DB011

 E1B0E5

 0DB000

 F1B0F6

 FFB0FF

# Harmonies

## Analogous

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



A3A968



7FB07B



58B498

# Triad

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



7FB07B



67AAE1



E18D8F

# Complementary

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



7FB07B



AC7BB0

# 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.



DA8DAF



7FB07B



999FDE

# Square

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



7FB07B



36B1D3



C294CC



D89475

# Rectangle

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



7FB07B



3DB5AE



C294CC



E18C9A



# Sweetspot

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



7FB07B



D2E6D1



B0AC7B



677366



F2F2F2



737373



# Same Dimension

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



7FB07B



99E693



7BB091



515950



0C9900



021A00



# Inverse Universe

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



AC7BB0



DF93E6



B07B9A



595059



8D0099



18001A



# Previews

## White Background



This preview shows how the Hex color 7FB07B looks on a white background.

## Color Contrast Check

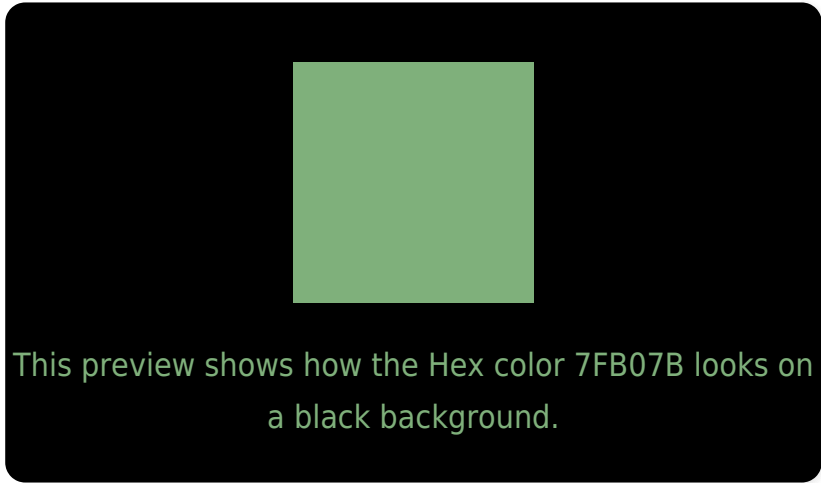
Large Text (above 18pt) WCAG AA × Fail

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

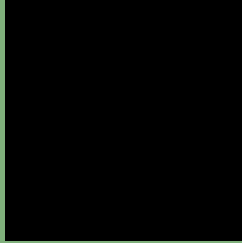
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FB07B Background



This preview shows how black text looks on a background with the Hex color 7FB07B.

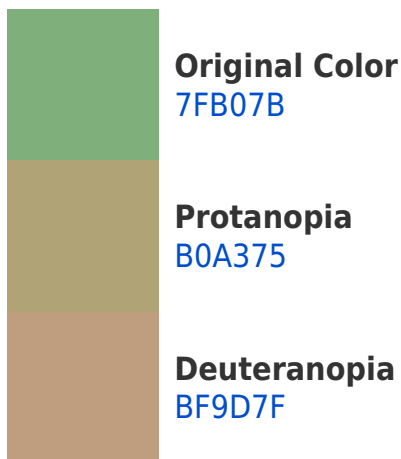


This preview shows how white text looks on a background with the Hex color 7FB07B.

# 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](#).

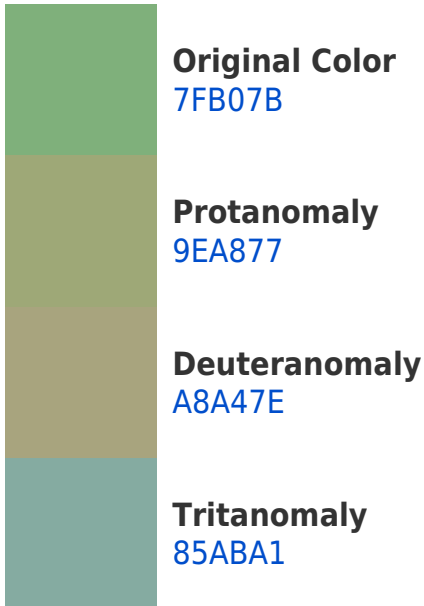
## Dichromacy





**Tritanopia**  
89A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FB07B 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 #7FB07B looks like.

```
.text, #text, p{  
    color:#7FB07B  
}
```

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 #7FB07B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB07B
}
```

## Border

The CSS property to change the border of an element to Hex 7FB07B 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
#7FB07B }
```

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

```
.border{ border-color:#7FB07B }
```

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

Here you see how a box with a 4 pixel #7FB07B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB07B; -webkit-box-shadow:4px 4px  
4px 4px #7FB07B; box-shadow:4px 4px 4px  
4px #7FB07B }
```

# Background

The CSS property to change the background color of an element to Hex 7FB07B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB07B }
```

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

```
.background{ background-color:#7FB07B }
```

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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