

# Converting Colors

Hex(47BF8B)

Have a look what the booklet for  
Hex(47BF8B) contains.

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**Color**

**Hex(47BF8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47BF8B
RGB	71, 191, 139
RGB Percent	28%, 75%, 55%
CMY	0.7216, 0.2510, 0.4549
CMYK	0.63, 0.00, 0.27, 0.25
HSL	154°, 48%, 51%
HSV	154°, 63%, 75%
XYZ	25.8895, 40.4653, 30.8722
YIQ	149.1920, -54.8280, -41.6120

# Conversions

## Conversions Part 2

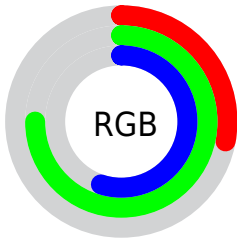
Format	Color
<a href="#">RYB</a>	<a href="#">71, 148, 191</a>
Decimal	<a href="#">4702091</a>
CIELab	<a href="#">69.80, -45.71, 16.54</a>
CIElCh	<a href="#">70, 48.612, 160.109</a>
Yxy	<a href="#">40.4653, 0.2663, 0.4162</a>
Android (android.graphics.Color)	<a href="#">4282892171 (0xFF47BF8B)</a>
YUV	<a href="#">149.1920, -5.0247, -68.5744</a>
Hunter-Lab	<a href="#">63.6123, -38.6740, 15.7542</a>

# Details

The Hex color **47BF8B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF477B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **83F8C1**, and **008959** is the 20% darker color. If you saturate the color by 10%, you get **34BF83**, and if you desaturate by 10%, it is **5ABF93**.

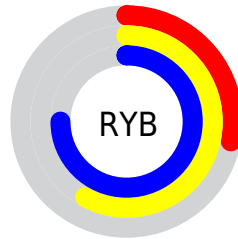
# Distribution



Red (28%)

Green (75%)

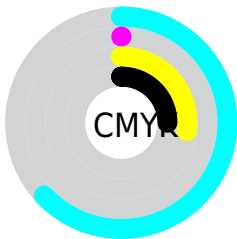
Blue (55%)



Red (28%)

Yellow (58%)

Blue (75%)

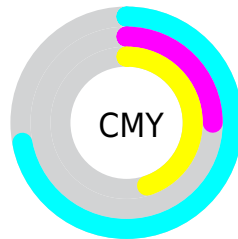


Cyan (63%)

Magenta (0%)

Yellow (27%)

Black (25%)



Cyan (72%)

Magenta (25%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47BF8B 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 47BF8B by changing the saturation by 10% instead.





47BF8B



47BF8B

FFFFFF



23A371



83F8C1



008959



A0FFDD



006E41



BDFFF9



00552B



DBFFFF



003D16



F9FFFF



002700



000000



47BF8B



47BF8B



34BF83



5ABF93

■ 21BF7A

■ 6DBF9C

■ 0EBF72

■ 80BFA4

■ 00BF6C

■ 93BFAC

■ A7BFB4

■ BABFBD

■ CDBFC5

■ E0BFCD

■ F3BFD5

# Harmonies

## Analogous

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



87B865



47BF8B



00C1B9

# Triad

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



47BF8B



7CAAFF



F78E74

# Complementary

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



47BF8B



BF477B

# 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.



FE869D



47BF8B



C299EE

# Square

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



47BF8B



00B7FD



ED8ACA



DD9E57

# Rectangle

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



47BF8B



00C0D5



ED8ACA



FC8A81

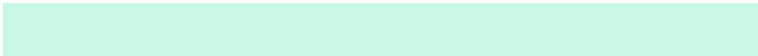


# Sweetspot

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



47BF8B



C8F7E3



7BBF47



607D70



FCFCFC



7D7D7D



# Same Dimension

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



47BF8B



3EF7A7



47B7BF



555E5A



009E5A



001F11



# Inverse Universe

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



BF477B



F73E8E



BF4F47



5E5559



9E0045

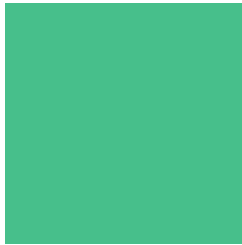


1F000D



# Previews

## White Background



This preview shows how the Hex color 47BF8B looks on a white background.

## Color Contrast Check

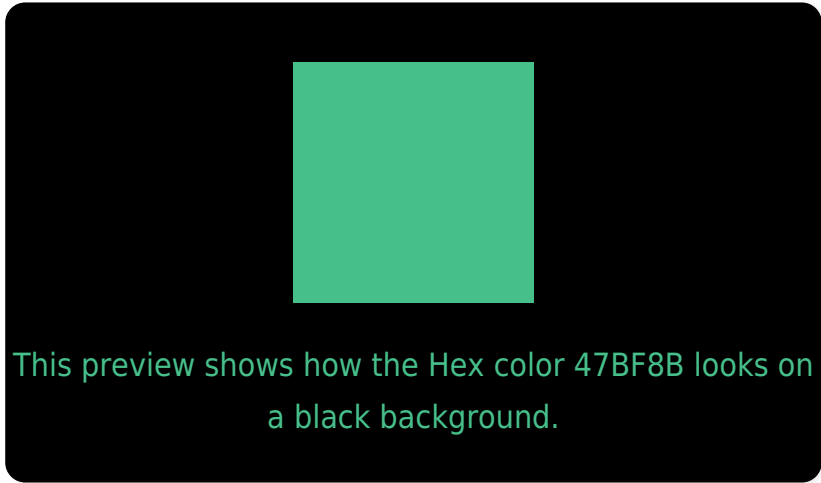
Large Text (above 18pt) WCAG AA × Fail

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 47BF8B Background



This preview shows how black text looks on a background with the Hex color 47BF8B.

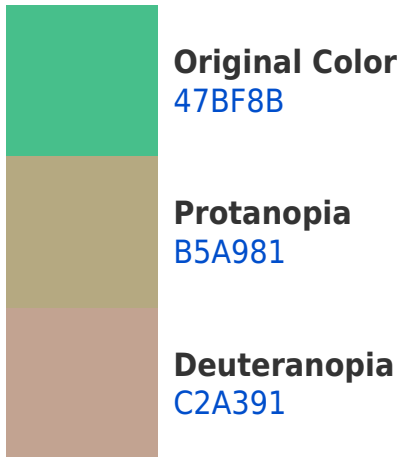


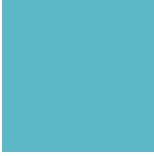
This preview shows how white text looks on a background with the Hex color 47BF8B.

# 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](#).

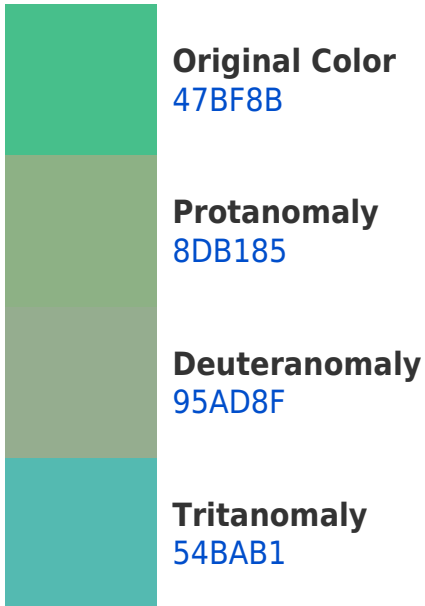
## Dichromacy



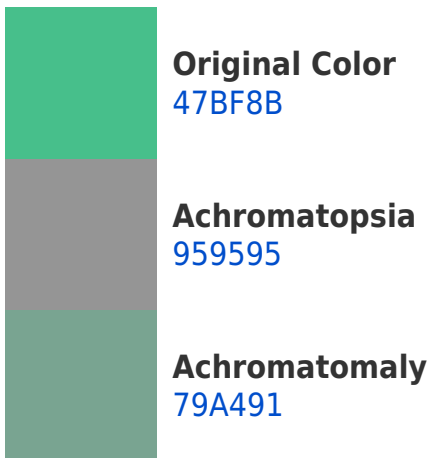


**Tritanopia**  
5CB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47BF8B 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 #47BF8B looks like.

```
.text, #text, p{  
    color:#47BF8B  
}
```

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 #47BF8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47BF8B
}
```

## Border

The CSS property to change the border of an element to Hex 47BF8B 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
#47BF8B }
```

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

```
.border{ border-color:#47BF8B }
```

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

Here you see how a box with a 4 pixel #47BF8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47BF8B; -webkit-box-shadow:4px 4px  
4px 4px #47BF8B; box-shadow:4px 4px 4px  
4px #47BF8B }
```

# Background

The CSS property to change the background color of an element to Hex 47BF8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47BF8B }
```

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

```
.background{ background-color:#47BF8B }
```

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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