

# Converting Colors

Hex(73B87B)

Have a look what the booklet for  
Hex(73B87B) contains.

<b>Hex(73B87B)</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(73B87B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73B87B
RGB	115, 184, 123
RGB Percent	45%, 72%, 48%
CMY	0.5490, 0.2784, 0.5176
CMYK	0.38, 0.00, 0.33, 0.28
HSL	127°, 33%, 59%
HSV	127°, 38%, 72%
XYZ	27.7859, 39.3559, 24.8709
YIQ	156.4150, -21.5430, -33.5990

# Conversions

## Conversions Part 2

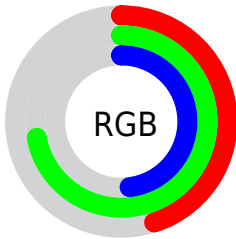
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 177, 184
Decimal	7583867
CIELab	69.01, -34.57, 24.31
CIELCh	69, 42.263, 144.888
Yxy	39.3559, 0.3020, 0.4277
Android (android.graphics.Color)	4285773947 (0xFF73B87B)
YUV	156.4150, -16.4736, -36.3210
Hunter-Lab	62.7343, -30.7248, 20.4086

# Details

The Hex color **73B87B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B873B0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A9F0B0**, and **3E824A** is the 20% darker color. If you saturate the color by 10%, you get **61B86B**, and if you desaturate by 10%, it is **85B88B**.

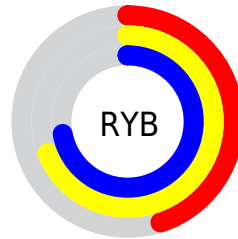
# Distribution



Red (45%)

Green (72%)

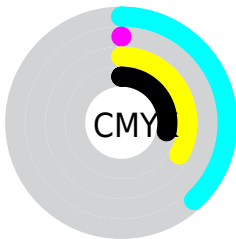
Blue (48%)



Red (45%)

Yellow (69%)

Blue (72%)

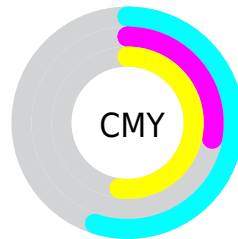


Cyan (38%)

Magenta (0%)

Yellow (33%)

Black (28%)



Cyan (55%)

Magenta (28%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73B87B 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 73B87B by changing the saturation by 10% instead.



 73B87B

 73B87B

FFFFFF

 599D62

 A9F0B0

 3E824A

 C5FFCB

 236932

 E2FFE8

 00501C

 003804

 002400

 000000

 73B87B

 73B87B

 61B86B

 85B88B

 4EB85A

 98B89C

 3CB84A

 AAB8AC

 29B83A

 BDB8BC

 17B82A

 CFB8CC

 05B819

 E1B8DD

 00B815

 F4B8ED

 FFB8FD

 FFB8FF

# Harmonies

## Analogous

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



A0B061



73B87B



37BCA0

# Triad

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



73B87B



5FAEF4



F28C8A

# Complementary

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



73B87B



B873B0

# 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.



ED8AB1



73B87B



A2A1EE

# Square

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



73B87B



00B8E6



D293D5



E3966B

# Rectangle

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



73B87B



00BDBB



D293D5



F28A97

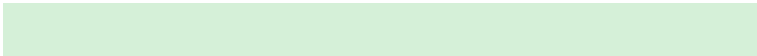


# Sweetspot

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



73B87B



D5F0D8



B1B873



68786A



F7F7F7



787878



# Same Dimension

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



73B87B



84F090



73B89C



535C54



009C12



001C03



# Inverse Universe

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



B873B0



F084E3



B8738F



5C535B



9C008A



1C0019



# Previews

## White Background



This preview shows how the Hex color 73B87B looks on a white background.

## Color Contrast Check

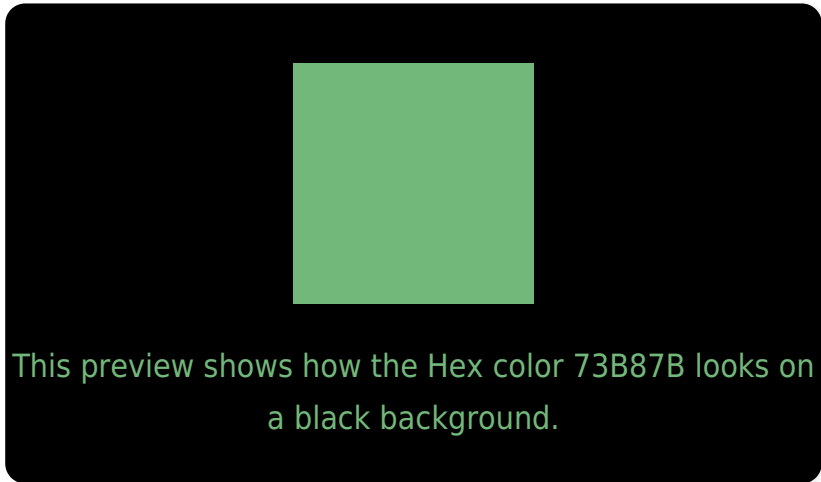
Large Text (above 18pt) WCAG AA × Fail

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

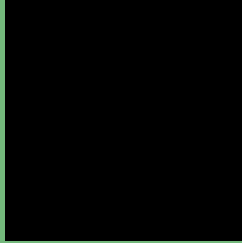
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73B87B Background



This preview shows how black text looks on a background with the Hex color 73B87B.

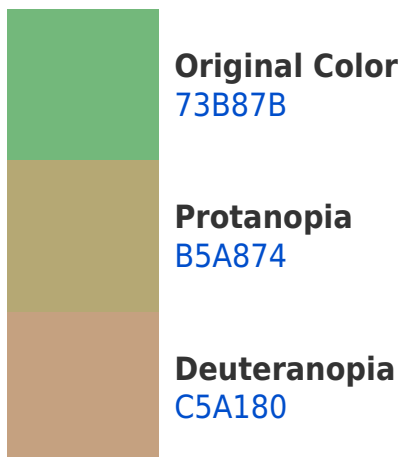


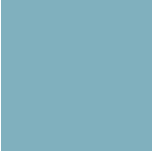
This preview shows how white text looks on a background with the Hex color 73B87B.

# 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](#).

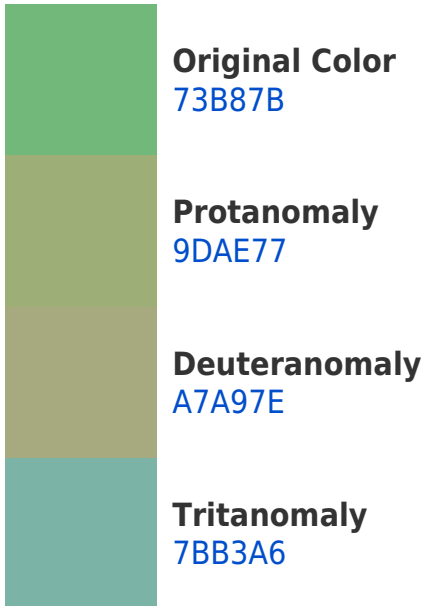
## Dichromacy



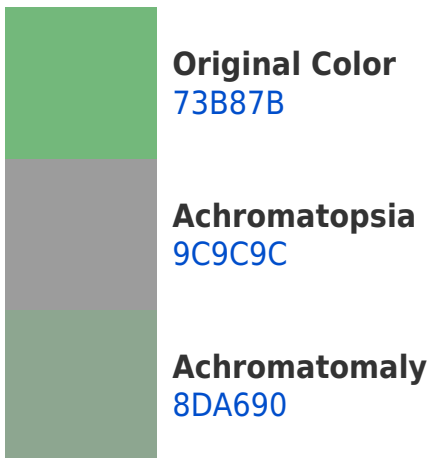


**Tritanopia**  
80B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73B87B 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 #73B87B looks like.

```
.text, #text, p{  
    color:#73B87B  
}
```

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 #73B87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B87B
}
```

## Border

The CSS property to change the border of an element to Hex 73B87B 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
#73B87B }
```

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

```
.border{ border-color:#73B87B }
```

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

Here you see how a box with a 4 pixel #73B87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B87B; -webkit-box-shadow:4px 4px  
4px 4px #73B87B; box-shadow:4px 4px 4px  
4px #73B87B }
```

# Background

The CSS property to change the background color of an element to Hex 73B87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B87B }
```

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

```
.background{ background-color:#73B87B }
```

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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