

# Converting Colors

Hex(73B798)

Have a look what the booklet for  
Hex(73B798) contains.

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**Color**

**Hex(73B798)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73B798
RGB	115, 183, 152
RGB Percent	45%, 72%, 60%
CMY	0.5490, 0.2824, 0.4039
CMYK	0.37, 0.00, 0.17, 0.28
HSL	153°, 32%, 58%
HSV	153°, 37%, 72%
XYZ	29.6712, 39.7788, 35.8200
YIQ	159.1340, -30.5770, -24.0570

# Conversions

## Conversions Part 2

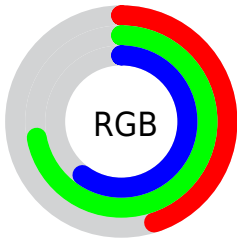
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 159, 183</a>
Decimal	<a href="#">7583640</a>
CIELab	<a href="#">69.31, -28.54, 9.02</a>
CIELCh	<a href="#">69, 29.931, 162.454</a>
Yxy	<a href="#">39.7788, 0.2819, 0.3779</a>
Android (android.graphics.Color)	<a href="#">4285773720 (0xFF73B798)</a>
YUV	<a href="#">159.1340, -3.5171, -38.7055</a>
Hunter-Lab	<a href="#">63.0704, -26.3987, 10.4764</a>

# Details

The Hex color **73B798** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B77392**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A9EFCE**, and **3F8265** is the 20% darker color. If you saturate the color by 10%, you get **61B790**, and if you desaturate by 10%, it is **85B7A0**.

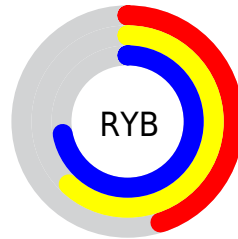
# Distribution



Red (45%)

Green (72%)

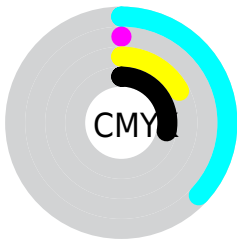
Blue (60%)



Red (45%)

Yellow (62%)

Blue (72%)

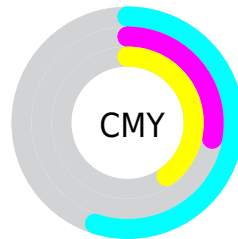


Cyan (37%)

Magenta (0%)

Yellow (17%)

Black (28%)



Cyan (55%)

Magenta (28%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73B798 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 73B798 by changing the saturation by 10% instead.



 73B798

 73B798

FFFFFF

 599C7E

 A9EFCE

 3F8265

 C5FFEA

 24684D

 E2FFFF

 015036

 003821

 00230B

 000000

 73B798

 73B798

 61B790

 85B7A0

 4EB787

 98B7A9

 3CB77F

 AAB7B1

 2AB777

 BCB7B9

 18B76E

 CFB7C2

 05B766

 E1B7CA

 00B764

 F3B7D2

 FFB7DB

 FFB7E3

# Harmonies

## Analogous

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



93B380



73B798



58B8B4

# Triad

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



73B798



97A8DE



DB9A86

# Complementary

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



73B798



B77392

# 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.



DF959F



73B798



BB9ED1

# Square

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



73B798



6FB0DC



D597BA



CAA276

# Rectangle

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



73B798



52B7C5



D597BA



DE988D

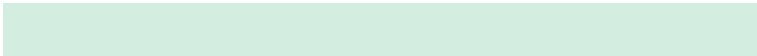


# Sweetspot

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



73B798



D3EDE1



93B773



687871



F7F7F7



787878



# Same Dimension

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



73B798



82EDBC



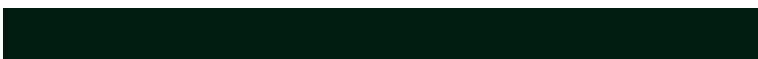
73B5B7



535C58



009C55



001C0F



# Inverse Universe

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



B77392



ED82B3



B77573



5C5357



9C0047



1C000D



# Previews

## White Background



This preview shows how the Hex color 73B798 looks on a white background.

## Color Contrast Check

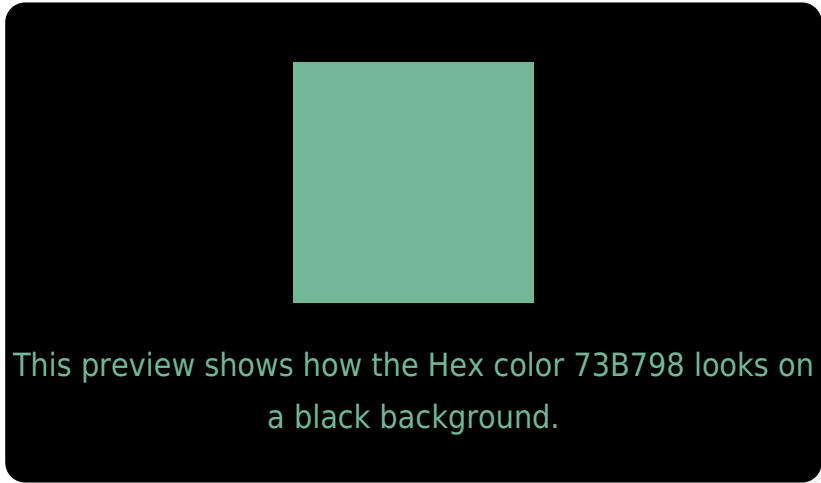
Large Text (above 18pt) WCAG AA × Fail

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

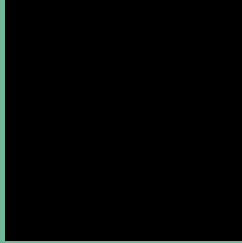
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73B798 Background



This preview shows how black text looks on a background with the Hex color 73B798.

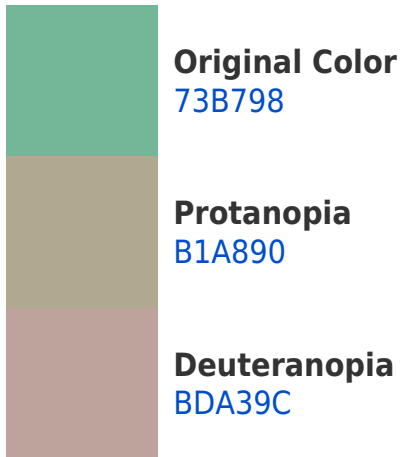


This preview shows how white text looks on a background with the Hex color 73B798.

# 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](#).

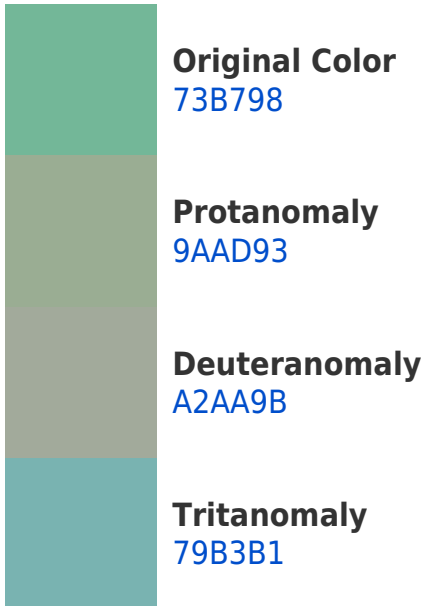
## Dichromacy



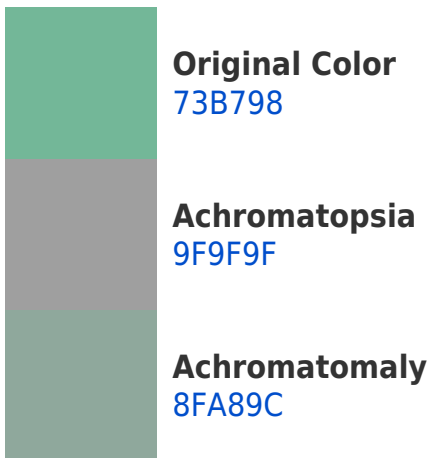


**Tritanopia**  
7CB1C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73B798 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 #73B798 looks like.

```
.text, #text, p{  
    color:#73B798  
}
```

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 #73B798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B798  
}
```

## Border

The CSS property to change the border of an element to Hex 73B798 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  
#73B798 }
```

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

```
.border{ border-color:#73B798 }
```

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

Here you see how a box with a 4 pixel #73B798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B798; -webkit-box-shadow:4px 4px  
4px 4px #73B798; box-shadow:4px 4px 4px  
4px #73B798 }
```

# Background

The CSS property to change the background color of an element to Hex 73B798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B798 }
```

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

```
.background{ background-color:#73B798 }
```

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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