

# Converting Colors

Hex(B5C798)

Have a look what the booklet for  
Hex(B5C798) contains.

<b>Hex(B5C798)</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(B5C798)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5C798
RGB	181, 199, 152
RGB Percent	71%, 78%, 60%
CMY	0.2902, 0.2196, 0.4039
CMYK	0.09, 0.00, 0.24, 0.22
HSL	83°, 30%, 69%
HSV	83°, 24%, 78%
XYZ	45.1470, 52.9376, 37.5442
YIQ	188.2600, 4.3590, -18.4330

# Conversions

## Conversions Part 2

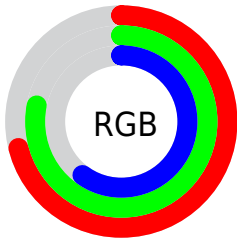
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 199, 170</a>
Decimal	<a href="#">11913112</a>
CIELab	<a href="#">77.84, -14.35, 21.54</a>
CIELCh	<a href="#">78, 25.887, 123.673</a>
Yxy	<a href="#">52.9376, 0.3329, 0.3903</a>
Android (android.graphics.Color)	<a href="#">4290103192 (0xFFB5C798)</a>
YUV	<a href="#">188.2600, -17.8762, -6.3670</a>
Hunter-Lab	<a href="#">72.7582, -16.5664, 20.3363</a>

# Details

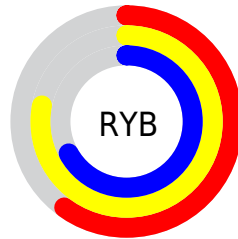
The Hex color **B5C798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AA98C7**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EDFFCE**, and **809165** is the 20% darker color. If you saturate the color by 10%, you get **ADC784**, and if you desaturate by 10%, it is **BDC7AC**.

# Distribution



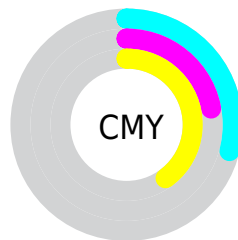
- Red (71%)
- Green (78%)
- Blue (60%)



- Red (60%)
- Yellow (78%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5C798 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 B5C798 by changing the saturation by 10% instead.



 B5C798

 B5C798

FFFFFF

 9AAC7E

 EDFFCE

 809165

 FFFFEB

 66774D

 4E5F35

 36471F

 203009

 071C00

 000000

 B5C798

 B5C798

 ADC784

 BDC7AC

 A6C770

 C4C7C0

 9EC75C

 CCC7D4

 97C748

 D3C7E8

 8FC735

 DBC7FC

 87C721

 E3C7FF

 80C70D

 EAC7FF

 7BC700

 F2C7FF

 FAC7FF

# Harmonies

## Analogous

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



CFC091



B5C798



9ACCAA

# Triad

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



B5C798



8AC9EB



F0AFBE

# Complementary

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



B5C798



AA98C7

# 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.



E2B2D6



B5C798



A7C2F0

# Square

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



B5C798



7BCDDA



C8B9E8



F0B1A7

# Rectangle

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



B5C798



8ACEBA



C8B9E8



EDB0C6



# Sweetspot

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



B5C798



F8FFED



C7A998



7C8075



000000



808080

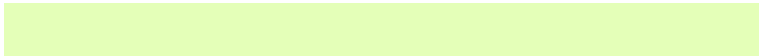


# Same Dimension

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



B5C798



E4FFB8



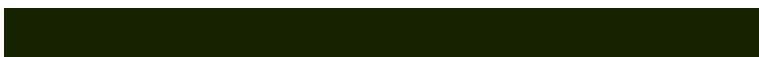
9EC798



60635A



65A300



162400



# Inverse Universe

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



AA98C7



D3B8FF



C198C7



5D5A63



3F00A3

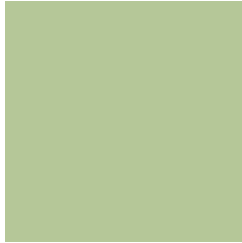


0E0024



# Previews

## White Background



This preview shows how the Hex color B5C798 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



This preview shows how the Hex color B5C798 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

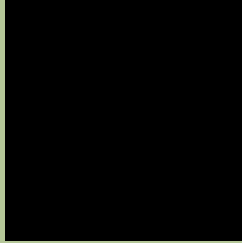
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

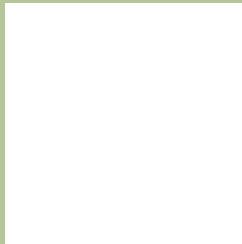
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5C798 Background



This preview shows how black text looks on a background with the Hex color B5C798.

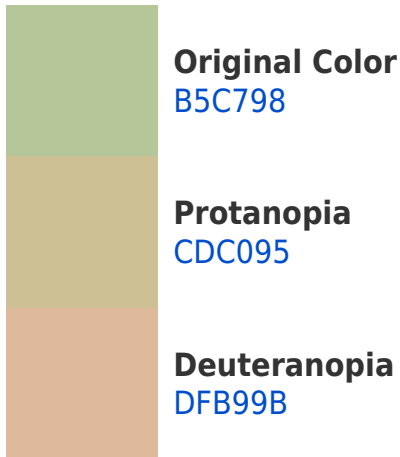


This preview shows how white text looks on a background with the Hex color B5C798.

# Color Blindness Simulation

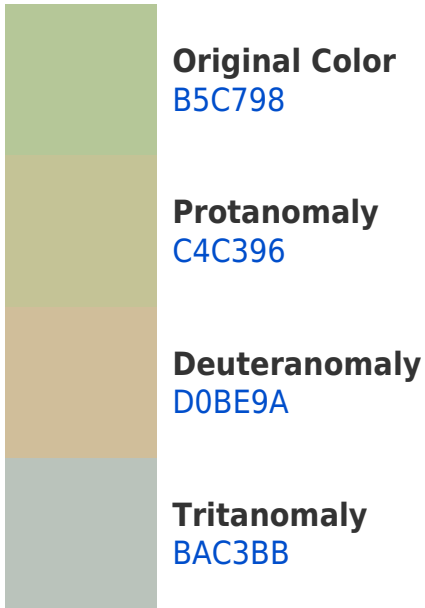
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

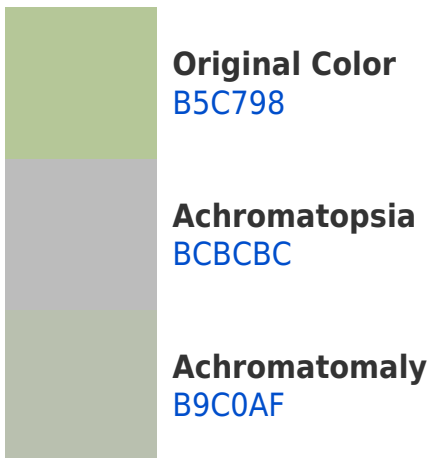




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5C798 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 #B5C798 looks like.

```
.text, #text, p{  
    color:#B5C798  
}
```

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 #B5C798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C798
}
```

## Border

The CSS property to change the border of an element to Hex B5C798 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
#B5C798 }
```

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

```
.border{ border-color:#B5C798 }
```

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

Here you see how a box with a 4 pixel #B5C798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C798; -webkit-box-shadow:4px 4px  
4px 4px #B5C798; box-shadow:4px 4px 4px  
4px #B5C798 }
```

# Background

The CSS property to change the background color of an element to Hex B5C798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C798 }
```

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

```
.background{ background-color:#B5C798 }
```

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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