

# Converting Colors

Hex(C5CC7B)

Have a look what the booklet for  
Hex(C5CC7B) contains.

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# **Color**

**Hex(C5CC7B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5CC7B
RGB	197, 204, 123
RGB Percent	77%, 80%, 48%
CMY	0.2275, 0.2000, 0.5176
CMYK	0.03, 0.00, 0.40, 0.20
HSL	65°, 44%, 64%
HSV	65°, 40%, 80%
XYZ	48.1940, 56.4861, 27.1017
YIQ	192.6730, 21.8290, -26.6750

# Conversions

## Conversions Part 2

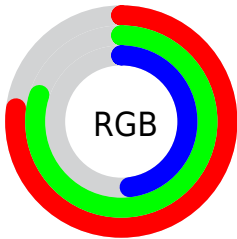
Format	Color
<a href="#">RYB</a>	<a href="#">123, 204, 130</a>
Decimal	<a href="#">12962939</a>
CIELab	<a href="#">79.89, -14.61, 39.52</a>
CIELCh	<a href="#">80, 42.133, 110.289</a>
Yxy	<a href="#">56.4861, 0.3657, 0.4286</a>
Android (android.graphics.Color)	<a href="#">4291153019 (0xFFC5CC7B)</a>
YUV	<a href="#">192.6730, -34.3488, 3.7948</a>
Hunter-Lab	<a href="#">75.1572, -17.0635, 31.2301</a>

# Details

The Hex color **C5CC7B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **827BCC**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFFB1**, and **8E9648** is the 20% darker color. If you saturate the color by 10%, you get **C3CC67**, and if you desaturate by 10%, it is **C7CC8F**.

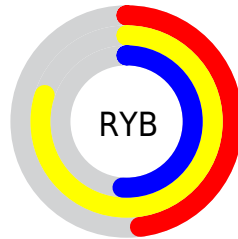
# Distribution



Red (77%)

Green (80%)

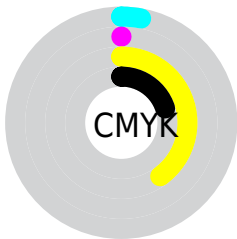
Blue (48%)



Red (48%)

Yellow (80%)

Blue (51%)

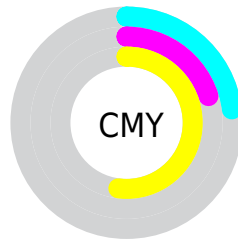


Cyan (3%)

Magenta (0%)

Yellow (40%)

Black (20%)



Cyan (23%)

Magenta (20%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5CC7B 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 C5CC7B by changing the saturation by 10% instead.



 C5CC7B

FFFFFF

 FFFFB1

 FFFFCC

 FFFFE9

 C5CC7B

 A9B161

 8E9648

 737C30

 5A6317

 414B00

 293500

 102000

 000000

 C5CC7B

 C5CC7B

 C3CC67

 C7CC8F

 C1CC52

 C9CCA4

 C0CC3E

 CACCB8

 BECC29

 CCCCCD

 BCCC15

 CECCE1

 BACC01

 D0CCF5

 BACC00

 D1CCFF

 D3CCFF

 D5CCFF

# Harmonies

## Analogous

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



EBBF78



C5CC7B



98D593

# Triad

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



C5CC7B



2FD7FF



FFA9D5

# Complementary

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



C5CC7B



827BCC

# 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.



EBB2F9



C5CC7B



76CEFF

# Square

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



C5CC7B



2ADBE0



B8C1FF



FFA9AD

# Rectangle

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



C5CC7B



77D9AA



B8C1FF



FFABE1



# Sweetspot

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



C5CC7B



FCFFE0



CC827B



7E806E



000000



808080



# Same Dimension

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



C5CC7B



F4FF85



9DCC7B



65665C



97A600



232600



# Inverse Universe

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



827BCC



8F85FF



AA7BCC



5D5C66



0E00A6



030026



# Previews

## White Background



This preview shows how the Hex color C5CC7B looks on a white background.

## Color Contrast Check

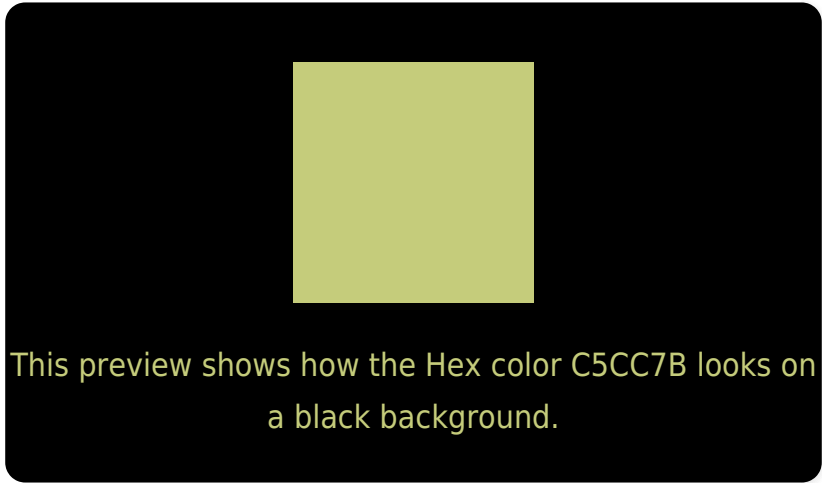
Large Text (above 18pt) WCAG AA × Fail

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

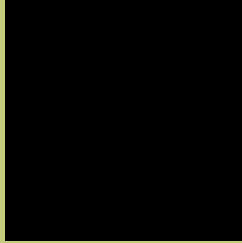
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5CC7B Background



This preview shows how black text looks on a background with the Hex color C5CC7B.

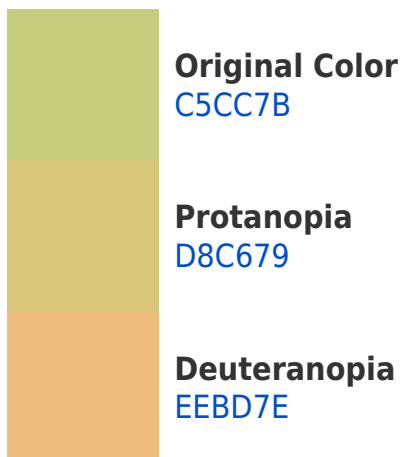


This preview shows how white text looks on a background with the Hex color C5CC7B.

# 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](#).

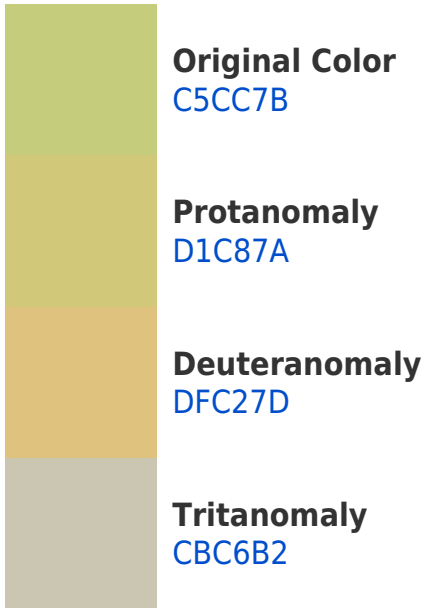
## Dichromacy



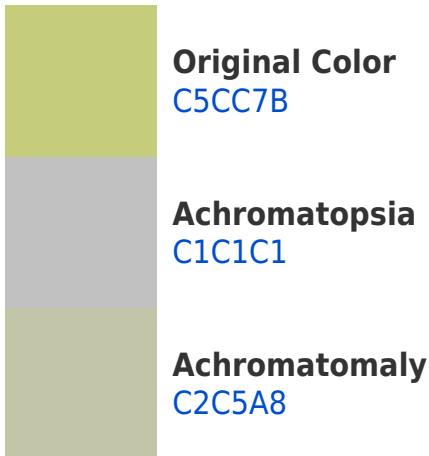


**Tritanopia**  
CFC2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5CC7B 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 #C5CC7B looks like.

```
.text, #text, p{  
    color:#C5CC7B  
}
```

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 #C5CC7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5CC7B
}
```

## Border

The CSS property to change the border of an element to Hex C5CC7B 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
#C5CC7B }
```

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

```
.border{ border-color:#C5CC7B }
```

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

Here you see how a box with a 4 pixel `#C5CC7B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5CC7B; -webkit-box-shadow:4px 4px  
4px 4px #C5CC7B; box-shadow:4px 4px 4px  
4px #C5CC7B }
```

# Background

The CSS property to change the background color of an element to Hex C5CC7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5CC7B }
```

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

```
.background{ background-color:#C5CC7B }
```

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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