

# Converting Colors

Hex(C5CD7C)

Have a look what the booklet for  
Hex(C5CD7C) contains.

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# **Color**

**Hex(C5CD7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5CD7C
RGB	197, 205, 124
RGB Percent	77%, 80%, 49%
CMY	0.2275, 0.1961, 0.5137
CMYK	0.04, 0.00, 0.40, 0.20
HSL	66°, 45%, 65%
HSV	66°, 40%, 80%
XYZ	48.4954, 56.9882, 27.5126
YIQ	193.3740, 21.2330, -26.8870

# Conversions

## Conversions Part 2

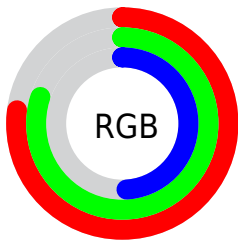
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 205, 132
Decimal	12963196
CIELab	80.17, -15.00, 39.37
CIELCh	80, 42.135, 110.856
Yxy	56.9882, 0.3646, 0.4285
Android (android.graphics.Color)	4291153276 (0xFFC5CD7C)
YUV	193.3740, -34.2014, 3.1800
Hunter-Lab	75.4905, -17.4394, 31.2350

# Details

The Hex color **C5CD7C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **847CCD**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFFB2**, and **8E9749** is the 20% darker color. If you saturate the color by 10%, you get **C3CD68**, and if you desaturate by 10%, it is **C7CD91**.

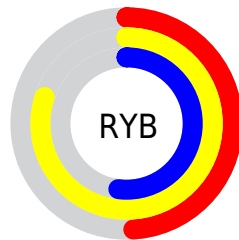
# Distribution



Red (77%)

Green (80%)

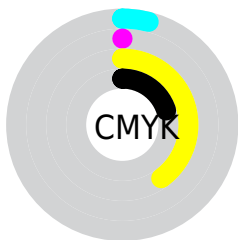
Blue (49%)



Red (49%)

Yellow (80%)

Blue (52%)

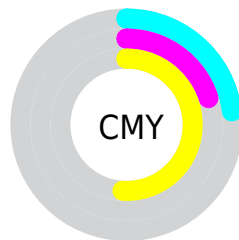


Cyan (4%)

Magenta (0%)

Yellow (40%)

Black (20%)



Cyan (23%)

Magenta (20%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5CD7C 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 C5CD7C by changing the saturation by 10% instead.



 C5CD7C

FFFFFF

 FFFFFB2

 FFFFC D

 FFFF E A

 C5CD7C

 A9B262

 8E9749

 737D31

 5A6418

 414C00

 293600

 102000

 000100

 000000

 C5CD7C

 C5CD7C

 C3CD68

 C7CD91

 C1CD53

 C9CDA5

 BFCD3E

 CBCDBA

 BDCD2A

 CDCDCE

 BBCD15

 CFCDE3

 B9CD01

 D1CDF7

 B9CD00

 D3CDFF

 D5CDFF

 D7CDFF

# Harmonies

## Analogous

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



ECC079



C5CD7C



98D694

# Triad

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



C5CD7C



32D7FF



FFA9D5

# Complementary

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



C5CD7C



847CCD

# 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.



EDB3F9



C5CD7C



79CEFF

# Square

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



C5CD7C



2BDCE1



BAC1FF



FFA9AD

# Rectangle

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



C5CD7C



76DAAC



BAC1FF



FFACE2



# Sweetspot

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



C5CD7C



FCFFE0



CD837C



7E806E



000000



808080



# Same Dimension

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



C5CD7C



F3FF87



9ECD7C



65665C



95A600



222600



# Inverse Universe

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



847CCD



9387FF



AB7CCD



5D5C66



1000A6



040026



# Previews

## White Background



This preview shows how the Hex color C5CD7C looks on a white background.

## Color Contrast Check

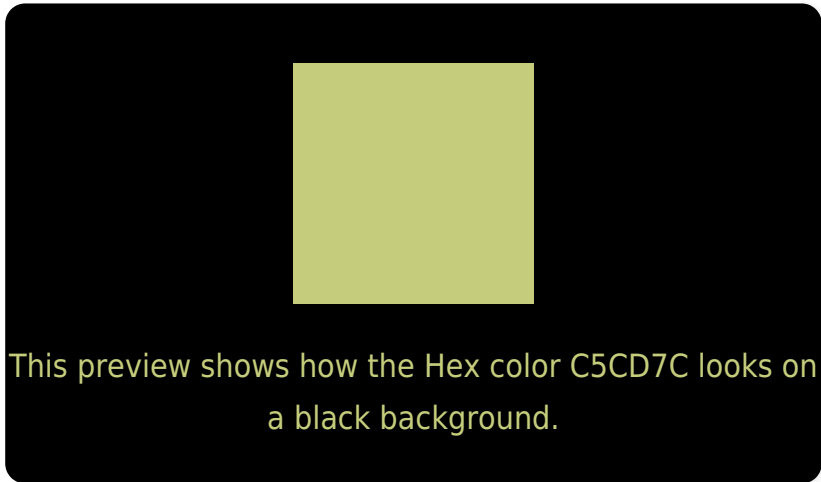
Large Text (above 18pt) WCAG AA × Fail

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

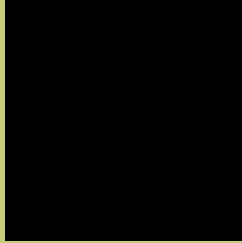
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

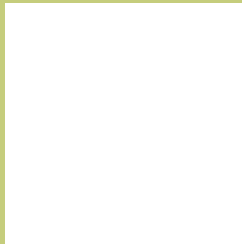
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5CD7C Background



This preview shows how black text looks on a background with the Hex color C5CD7C.

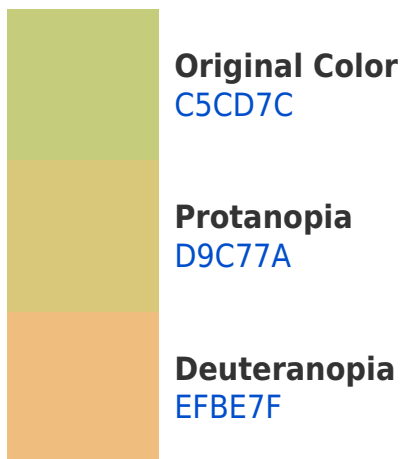


This preview shows how white text looks on a background with the Hex color C5CD7C.

# Color Blindness Simulation

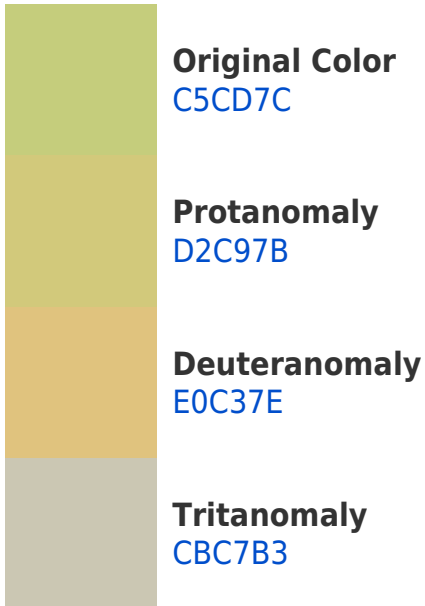
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

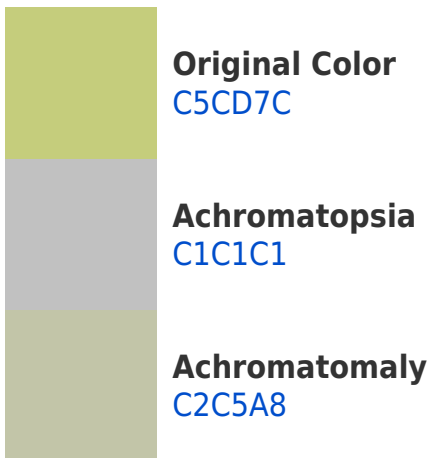




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5CD7C 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 #C5CD7C looks like.

```
.text, #text, p{  
    color:#C5CD7C  
}
```

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 #C5CD7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5CD7C
}
```

## Border

The CSS property to change the border of an element to Hex C5CD7C 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
#C5CD7C }
```

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

```
.border{ border-color:#C5CD7C }
```

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

Here you see how a box with a 4 pixel #C5CD7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5CD7C; -webkit-box-shadow:4px 4px  
4px 4px #C5CD7C; box-shadow:4px 4px 4px  
4px #C5CD7C }
```

# Background

The CSS property to change the background color of an element to Hex C5CD7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5CD7C }
```

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

```
.background{ background-color:#C5CD7C }
```

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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