

# Converting Colors

Hex(C7CE78)

Have a look what the booklet for  
Hex(C7CE78) contains.

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# Color

**Hex(C7CE78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7CE78
RGB	199, 206, 120
RGB Percent	78%, 81%, 47%
CMY	0.2196, 0.1922, 0.5294
CMYK	0.03, 0.00, 0.42, 0.19
HSL	65°, 47%, 64%
HSV	65°, 42%, 81%
XYZ	49.0147, 57.6408, 26.3117
YIQ	194.1030, 23.4340, -28.2300

# Conversions

## Conversions Part 2

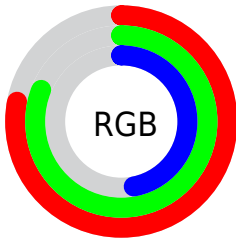
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 206, 127
Decimal	13094520
CIELab	80.54, -15.16, 41.87
CIELCh	81, 44.531, 109.899
Yxy	57.6408, 0.3686, 0.4335
Android (android.graphics.Color)	4291284600 (0xFFC7CE78)
YUV	194.1030, -36.5328, 4.2947
Hunter-Lab	75.9215, -17.6237, 32.5972

# Details

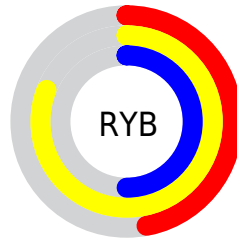
The Hex color **C7CE78** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7F78CE**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFFAE**, and **909845** is the 20% darker color. If you saturate the color by 10%, you get **C5CE63**, and if you desaturate by 10%, it is **C9CE8D**.

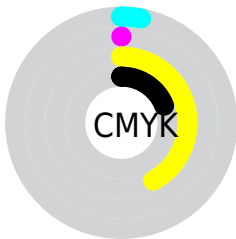
# Distribution



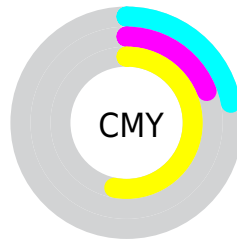
- Red (78%)
- Green (81%)
- Blue (47%)



- Red (47%)
- Yellow (81%)
- Blue (50%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7CE78 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 C7CE78 by changing the saturation by 10% instead.



 C7CE78

 C7CE78

FFFFFF

 ABB35E

 FFFFAE

 909845

 FFFFC9

 757E2C

 FFFF E6

 5B6512

 424D00

 2A3600

 112100

 000400

 000000

 C7CE78

 C7CE78

 C5CE63

 C9CE8D

 C4CE4F

 CACEA1

 C2CE3A

 CCCEB6

 C0CE26

 CECECA

 BFCE11

 CFCEDF

 BDCE00

 D1CEF4

 D3CEFF

 D4CEFF

 D6CEFF

# Harmonies

## Analogous

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



EFC176



C7CE78



97D891

# Triad

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



C7CE78



00DAFF



FFA9D8

# Complementary

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



C7CE78



7F78CE

# 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.



EEB3FE



C7CE78



6FD0FF

# Square

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



C7CE78



00DEE3



B8C2FF



FFA8AE

# Rectangle

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



C7CE78



73DCAA



B8C2FF



FFABE5



# Sweetspot

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



C7CE78



FCFFDE



CE7E78



7E806B



000000



808080



# Same Dimension

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



C7CE78



F5FF80



9DCE78



65665C



98A600



232600



# Inverse Universe

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



7F78CE



8A80FF



A978CE



5D5C66



0D00A6



030026



# Previews

## White Background



This preview shows how the Hex color C7CE78 looks on a white background.

## Color Contrast Check

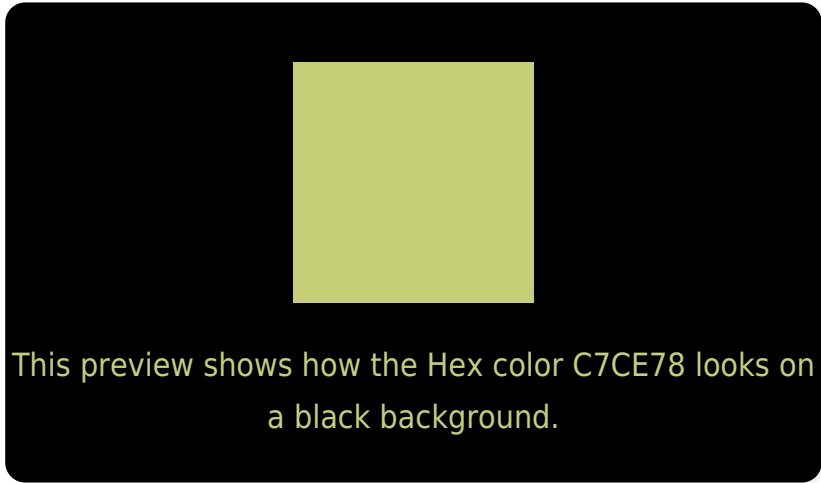
Large Text (above 18pt) WCAG AA × Fail

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

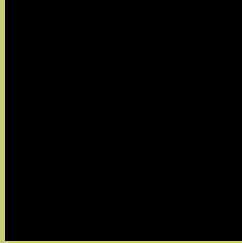
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7CE78 Background



This preview shows how black text looks on a background with the Hex color C7CE78.

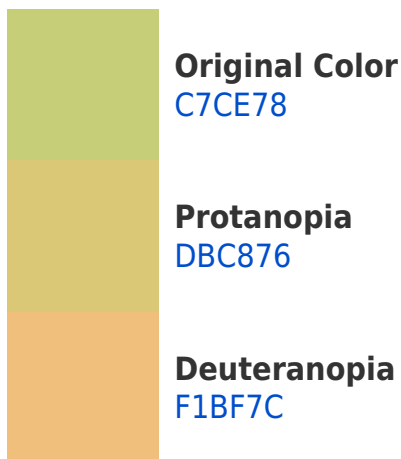


This preview shows how white text looks on a background with the Hex color C7CE78.

# 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](#).

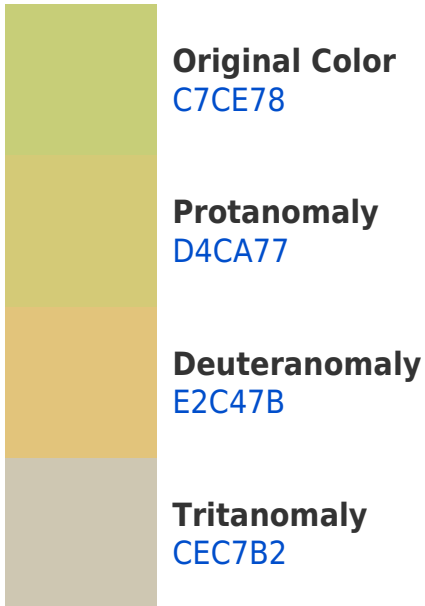
## Dichromacy



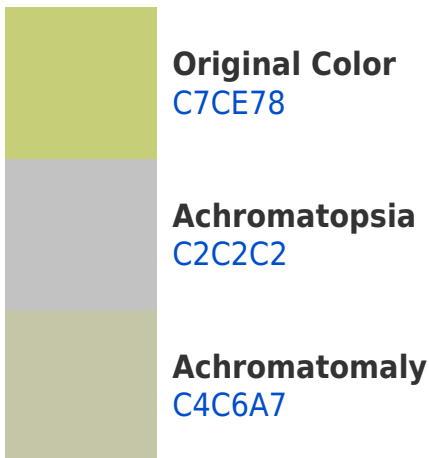


**Tritanopia**  
D2C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7CE78 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 #C7CE78 looks like.

```
.text, #text, p{  
    color:#C7CE78  
}
```

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 #C7CE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7CE78
}
```

## Border

The CSS property to change the border of an element to Hex C7CE78 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
#C7CE78 }
```

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

```
.border{ border-color:#C7CE78 }
```

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

Here you see how a box with a 4 pixel #C7CE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7CE78; -webkit-box-shadow:4px 4px  
4px 4px #C7CE78; box-shadow:4px 4px 4px  
4px #C7CE78 }
```

# Background

The CSS property to change the background color of an element to Hex C7CE78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7CE78 }
```

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

```
.background{ background-color:#C7CE78 }
```

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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