

# Converting Colors

Hex(C3CD7A)

Have a look what the booklet for  
Hex(C3CD7A) contains.

<b>Hex(C3CD7A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C3CD7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3CD7A
RGB	195, 205, 122
RGB Percent	76%, 80%, 48%
CMY	0.2353, 0.1961, 0.5216
CMYK	0.05, 0.00, 0.40, 0.20
HSL	67°, 45%, 64%
HSV	67°, 40%, 80%
XYZ	47.8499, 56.6699, 26.8288
YIQ	192.5480, 20.6830, -27.9330

# Conversions

## Conversions Part 2

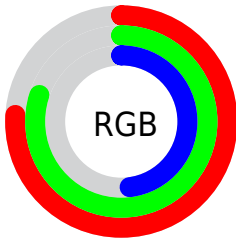
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 205, 132</a>
Decimal	<a href="#">12832122</a>
CIELab	<a href="#">79.99, -16.01, 40.12</a>
CIELCh	<a href="#">80, 43.198, 111.752</a>
Yxy	<a href="#">56.6699, 0.3643, 0.4314</a>
Android (android.graphics.Color)	<a href="#">4291022202 (0xFFC3CD7A)</a>
YUV	<a href="#">192.5480, -34.7802, 2.1504</a>
Hunter-Lab	<a href="#">75.2794, -18.2790, 31.5653</a>

# Details

The Hex color **C3CD7A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **847ACD**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FDFFB0**, and **8C9747** is the 20% darker color. If you saturate the color by 10%, you get **C1CD66**, and if you desaturate by 10%, it is **C5CD8F**.

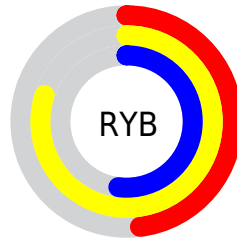
# Distribution



Red (76%)

Green (80%)

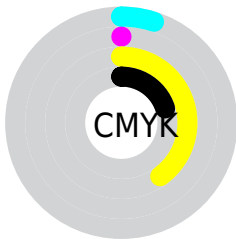
Blue (48%)



Red (48%)

Yellow (80%)

Blue (52%)

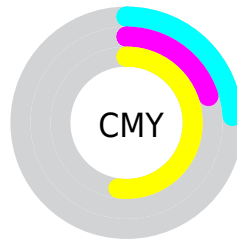


Cyan (5%)

Magenta (0%)

Yellow (40%)

Black (20%)



Cyan (24%)

Magenta (20%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3CD7A 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 C3CD7A by changing the saturation by 10% instead.



 C3CD7A

 C3CD7A


FFFFFF

 A7B260

 FDFFB0

 8C9747

 FFFFCB

 717D2F

 FFFFE8

 586415

 3F4C00

 273500

 0D2000

 000000

 C3CD7A

 C3CD7A

 C1CD66

 C5CD8F

 BECD51

 C8CDA3

 BCCD3D

 CACDB8

 B9CD28

 CDCDCC

 B7CD14

 CFCDE1

 B4CD00

 D2CDF5

 D4CDFF

 D7CDFF

 D9CDFF

# Harmonies

## Analogous

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



EBC076



C3CD7A



94D693

# Triad

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



C3CD7A



26D7FF



FFA8D3

# Complementary

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



C3CD7A



847ACD

# 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.



EEB1F9



C3CD7A



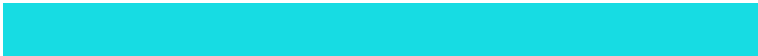
77CEFF

# Square

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



C3CD7A



17DCE3



BBC0FF



FFA8AB

# Rectangle

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



C3CD7A



72DAAC



BBC0FF



FFAAE1

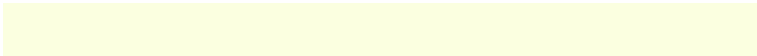


# Sweetspot

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



C3CD7A



FBFFE0



CD847A



7D806E



000000



808080



# Same Dimension

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



C3CD7A



F0FF82



9ACD7A



65665C



92A600



222600



# Inverse Universe

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



847ACD



9182FF



AD7ACD



5D5C66



1400A6



050026



# Previews

## White Background



This preview shows how the Hex color C3CD7A looks on a white background.

## Color Contrast Check

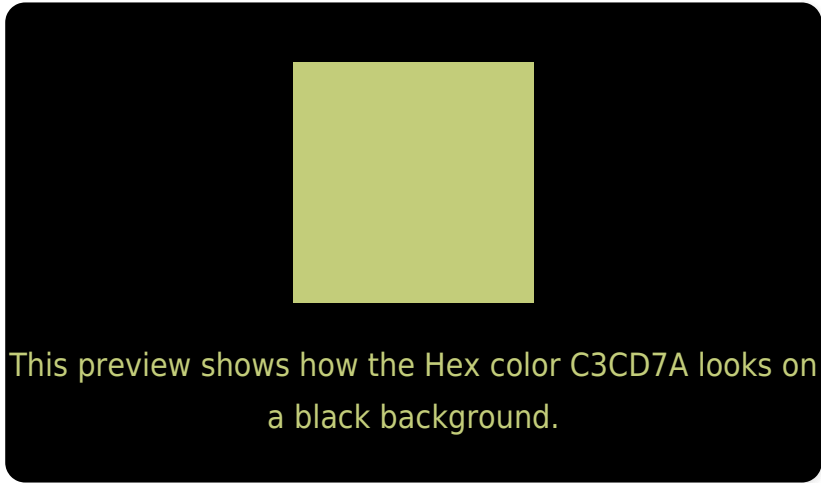
Large Text (above 18pt) WCAG AA × Fail

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

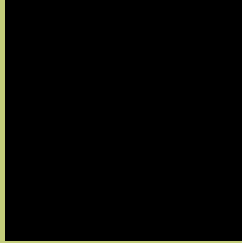
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3CD7A Background



This preview shows how black text looks on a background with the Hex color C3CD7A.

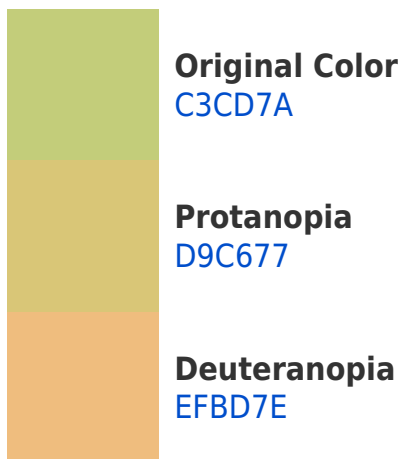


This preview shows how white text looks on a background with the Hex color C3CD7A.

# Color Blindness Simulation

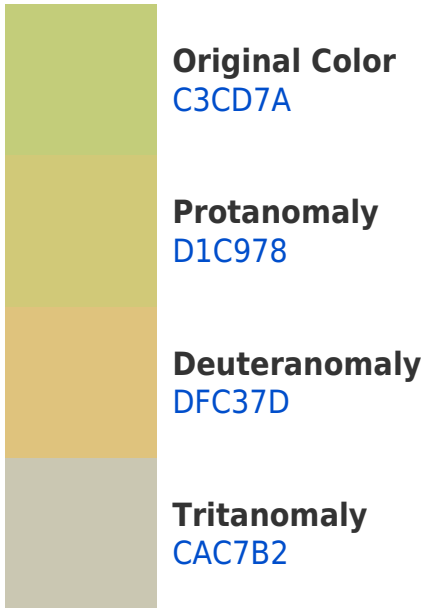
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

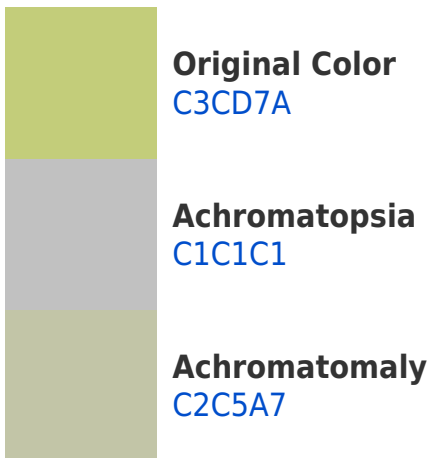




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3CD7A 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 #C3CD7A looks like.

```
.text, #text, p{  
    color:#C3CD7A  
}
```

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 #C3CD7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3CD7A
}
```

## Border

The CSS property to change the border of an element to Hex C3CD7A 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
#C3CD7A }
```

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

```
.border{ border-color:#C3CD7A }
```

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

Here you see how a box with a 4 pixel #C3CD7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3CD7A; -webkit-box-shadow:4px 4px  
4px 4px #C3CD7A; box-shadow:4px 4px 4px  
4px #C3CD7A }
```

# Background

The CSS property to change the background color of an element to Hex C3CD7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3CD7A }
```

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

```
.background{ background-color:#C3CD7A }
```

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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