

# Converting Colors

Hex(C7D74B)

Have a look what the booklet for  
Hex(C7D74B) contains.

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**Color**

**Hex(C7D74B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7D74B
RGB	199, 215, 75
RGB Percent	78%, 84%, 29%
CMY	0.2196, 0.1569, 0.7059
CMYK	0.07, 0.00, 0.65, 0.16
HSL	67°, 64%, 57%
HSV	67°, 65%, 84%
XYZ	49.1236, 61.2510, 15.8901
YIQ	194.2560, 35.4040, -46.9320

# Conversions

## Conversions Part 2

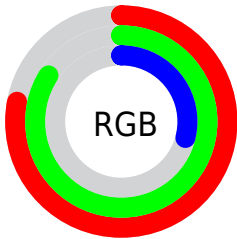
Format	Color
<a href="#">RYB</a>	<a href="#">75, 215, 91</a>
Decimal	<a href="#">13096779</a>
CIELab	<a href="#">82.51, -23.37, 64.55</a>
CIELCh	<a href="#">83, 68.654, 109.903</a>
Yxy	<a href="#">61.2510, 0.3891, 0.4851</a>
Android (android.graphics.Color)	<a href="#">4291286859 (0xFFC7D74B)</a>
YUV	<a href="#">194.2560, -58.7932, 4.1605</a>
Hunter-Lab	<a href="#">78.2630, -24.9205, 42.7462</a>

# Details

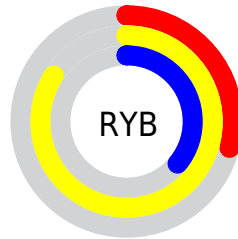
The Hex color **C7D74B** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5B4BD7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF82**, and **8EA004** is the 20% darker color. If you saturate the color by 10%, you get **C5D735**, and if you desaturate by 10%, it is **C9D760**.

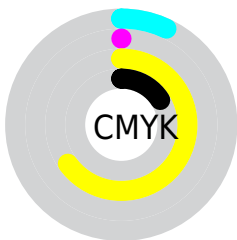
# Distribution



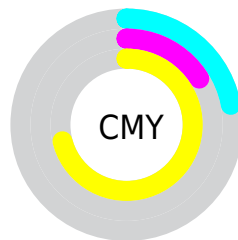
- Red (78%)
- Green (84%)
- Blue (29%)



- Red (29%)
- Yellow (84%)
- Blue (36%)



- Cyan (7%)
- Magenta (0%)
- Yellow (65%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7D74B 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 C7D74B by changing the saturation by 10% instead.



 C7D74B

 C7D74B

FFFFFF

 AABB2E

 FFFF82

 8EA004

 FFFF9E

 728600


 FFFFBA

 576D00

 FFFF D7

 3C5500

 FFFF F5

 213D00

 042700

 001000

 000000

 C7D74B

 C7D74B

 C5D735

 C9D760

 C2D720

 CCD776

 C0D70B

 CED78C

 BED700

 D1D7A1

 D3D7B7

 D6D7CC

 D8D7E2

 DBD7F7

 DDD7FF

# Harmonies

## Analogous

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



FFC248



C7D74B



7AE576

# Triad

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



C7D74B



00E8FF



FF96E6

# Complementary

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



C7D74B



5B4BD7

# 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.



FFAAFF



C7D74B



00DBFF

# Square

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



C7D74B



00EDF7



AAC5FF



FF96A5

# Rectangle

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



C7D74B



00EA9F



AAC5FF



FF9BFB

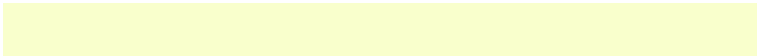


# Sweetspot

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



C7D74B



F9FFCC



D7594B



7C8061



000000



808080



# Same Dimension

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



C7D74B



E8FF38



83D74B



6A6B60



97AB00



262B00



# Inverse Universe

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



5B4BD7



4F38FF



9F4BD7



62606B



1400AB



05002B



# Previews

## White Background



This preview shows how the Hex color C7D74B looks on a white background.

## Color Contrast Check

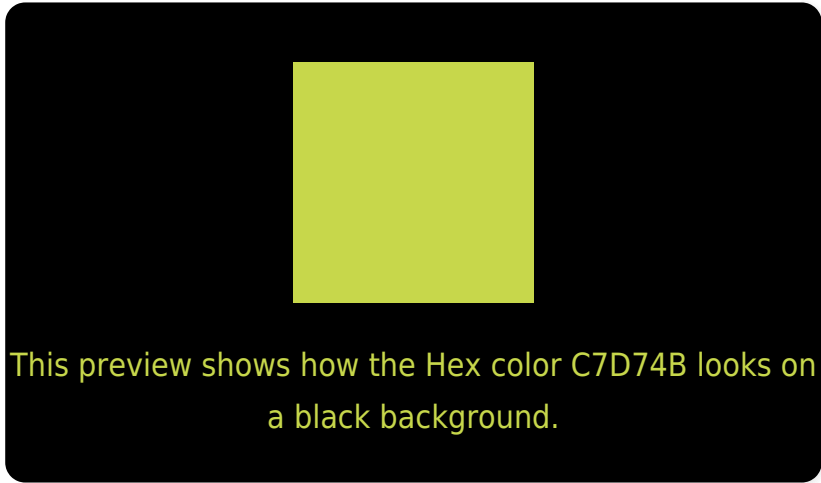
Large Text (above 18pt) WCAG AA × Fail

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 C7D74B Background



This preview shows how black text looks on a background with the Hex color C7D74B.

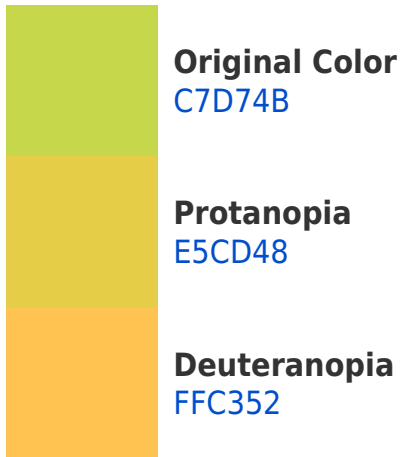


This preview shows how white text looks on a background with the Hex color C7D74B.

# 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](#).

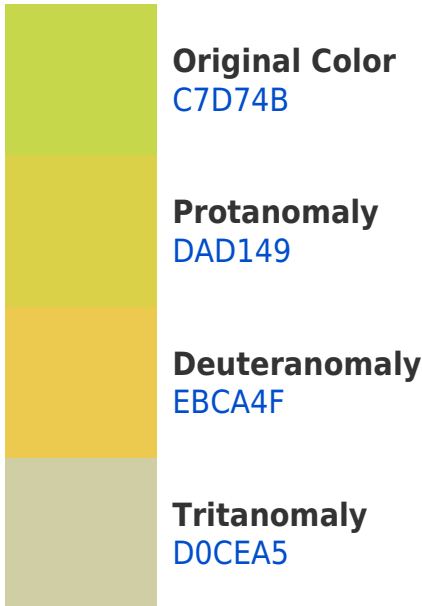
## Dichromacy



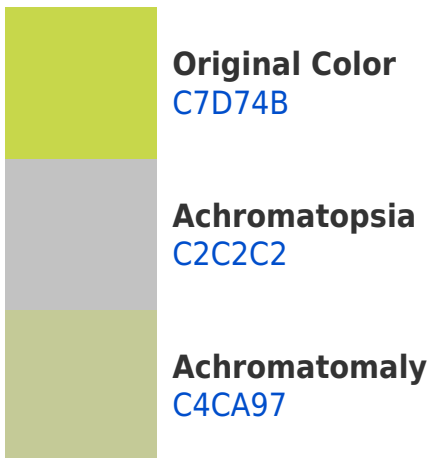


**Tritanopia**  
D5C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7D74B 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 #C7D74B looks like.

```
.text, #text, p{  
    color:#C7D74B  
}
```

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 #C7D74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7D74B
}
```

## Border

The CSS property to change the border of an element to Hex C7D74B 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
#C7D74B }
```

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

```
.border{ border-color:#C7D74B }
```

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

Here you see how a box with a 4 pixel #C7D74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7D74B; -webkit-box-shadow:4px 4px  
4px 4px #C7D74B; box-shadow:4px 4px 4px  
4px #C7D74B }
```

# Background

The CSS property to change the background color of an element to Hex C7D74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7D74B }
```

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

```
.background{ background-color:#C7D74B }
```

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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