

# Converting Colors

Hex(CDD07A)

Have a look what the booklet for  
Hex(CDD07A) contains.

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# **Color**

**Hex(CDD07A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDD07A
RGB	205, 208, 122
RGB Percent	80%, 82%, 48%
CMY	0.1961, 0.1843, 0.5216
CMYK	0.01, 0.00, 0.41, 0.18
HSL	62°, 48%, 65%
HSV	62°, 41%, 82%
XYZ	51.2456, 59.4960, 27.1953
YIQ	197.2990, 25.8180, -27.3820

# Conversions

## Conversions Part 2

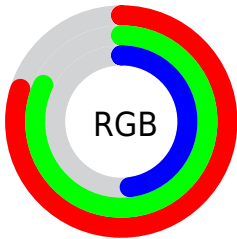
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 208, 125
Decimal	13488250
CIELab	81.56, -13.58, 42.26
CIElCh	82, 44.389, 107.815
Yxy	59.4960, 0.3715, 0.4313
Android (android.graphics.Color)	4291678330 (0xFFCDD07A)
YUV	197.2990, -37.1224, 6.7538
Hunter-Lab	77.1337, -16.3932, 33.0895

# Details

The Hex color **CDD07A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7D7AD0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFFB0**, and **959A47** is the 20% darker color. If you saturate the color by 10%, you get **CCD065**, and if you desaturate by 10%, it is **CED08F**.

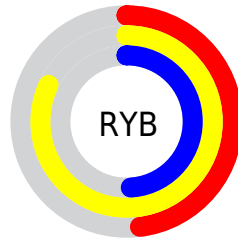
# Distribution



Red (80%)

Green (82%)

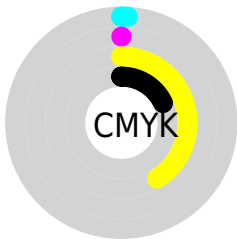
Blue (48%)



Red (48%)

Yellow (82%)

Blue (49%)

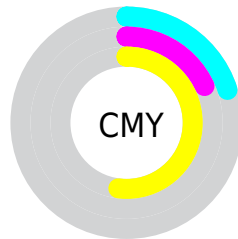


Cyan (1%)

Magenta (0%)

Yellow (41%)

Black (18%)



Cyan (20%)

Magenta (18%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDD07A 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 CDD07A by changing the saturation by 10% instead.



 CDD07A

 CDD07A

FFFFFF

 B1B460

 FFFFB0

 959A47

 FFFFCC

 7A802E

 FFFFE8

 606714

 474F00

 2F3800

 162300

 000B00

 000000

 CDD07A

 CDD07A

 CCD065

 CED08F

 CCD050

 CED0A4

 CBD03C

 CFD0B8

 CAD027

 D0D0CD

 C9D012

 D1D0E2

 C9D000

 D1D0F7

 D2D0FF

 D3D0FF

 D4D0FF

# Harmonies

## Analogous

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



F5C279



CDD07A



9EDA91

# Triad

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



CDD07A



0BDDFF



FFACDD

# Complementary

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



CDD07A



7D7AD0

# 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.



EEB7FF



CDD07A



6ED4FF

# Square

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



CDD07A



1CE1E3



B6C6FF



FFABB3

# Rectangle

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



CDD07A



7ADEAA



B6C6FF



FFAFEB



# Sweetspot

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



CDD07A



FEFFE0



D07D7A



7F806E



000000



808080



# Same Dimension

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



CDD07A



FBFF80



A2D07A



68695E



A2A800



272900



# Inverse Universe

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



7D7AD0



8480FF



A87AD0



5E5E69



0600A8



010029



# Previews

## White Background



This preview shows how the Hex color CDD07A looks on a white background.

## Color Contrast Check

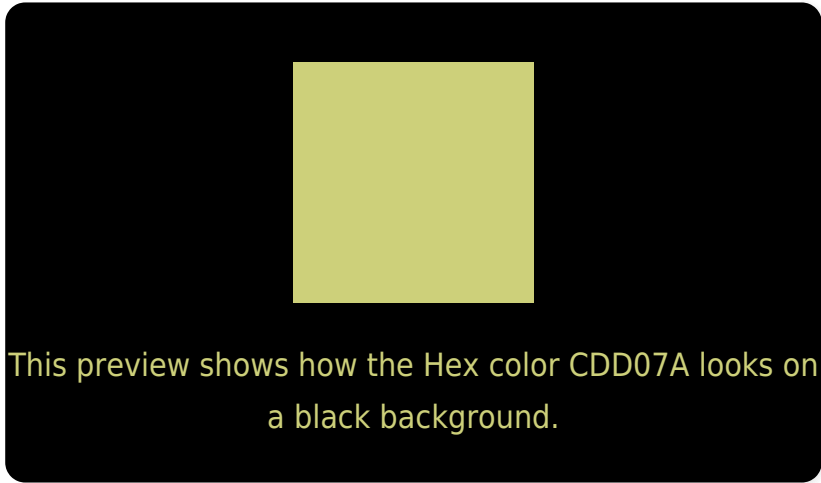
Large Text (above 18pt) WCAG AA × Fail

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

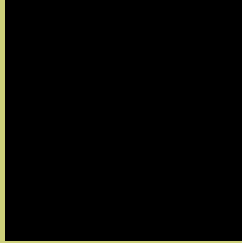
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDD07A Background



This preview shows how black text looks on a background with the Hex color CDD07A.

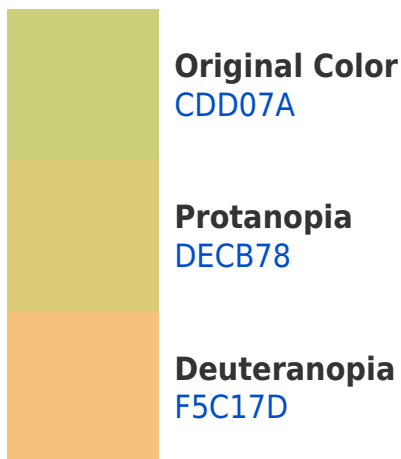


This preview shows how white text looks on a background with the Hex color CDD07A.

# 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](#).

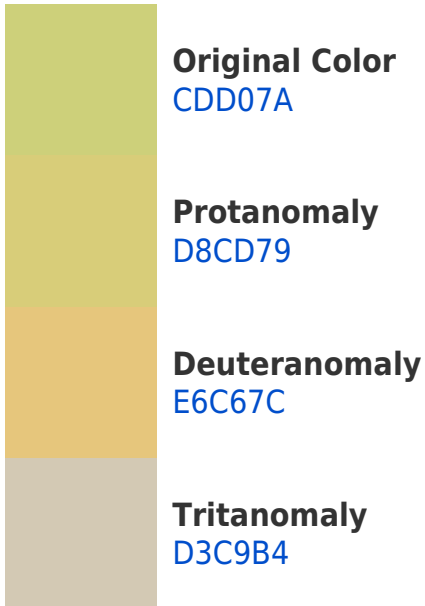
## Dichromacy



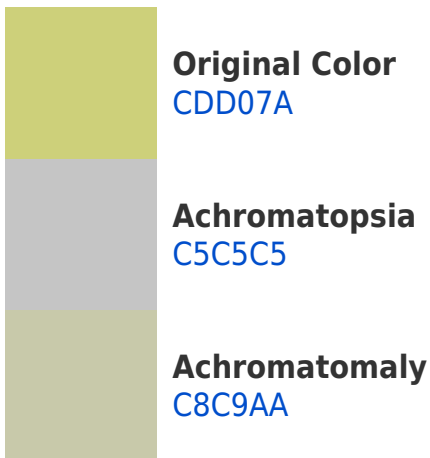


**Tritanopia**  
D7C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDD07A 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 #CDD07A looks like.

```
.text, #text, p{  
    color:#CDD07A  
}
```

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 #CDD07A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD07A
}
```

## Border

The CSS property to change the border of an element to Hex CDD07A 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
#CDD07A }
```

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

```
.border{ border-color:#CDD07A }
```

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

Here you see how a box with a 4 pixel #CDD07A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD07A; -webkit-box-shadow:4px 4px  
4px 4px #CDD07A; box-shadow:4px 4px 4px  
4px #CDD07A }
```

# Background

The CSS property to change the background color of an element to Hex CDD07A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD07A }
```

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

```
.background{ background-color:#CDD07A }
```

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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