

# Converting Colors

Hex(CDD46E)

Have a look what the booklet for  
Hex(CDD46E) contains.

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# **Color**

**Hex(CDD46E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDD46E
RGB	205, 212, 110
RGB Percent	80%, 83%, 43%
CMY	0.1961, 0.1686, 0.5686
CMYK	0.03, 0.00, 0.48, 0.17
HSL	64°, 54%, 63%
HSV	64°, 48%, 83%
XYZ	51.5348, 61.1919, 23.8469
YIQ	198.2790, 28.5700, -33.2060

# Conversions

## Conversions Part 2

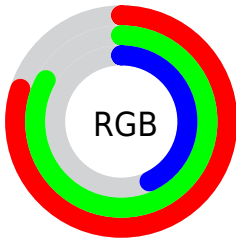
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 212, 117</a>
Decimal	<a href="#">13489262</a>
CIELab	<a href="#">82.48, -16.77, 49.24</a>
CIElCh	<a href="#">82, 52.020, 108.812</a>
Yxy	<a href="#">61.1919, 0.3773, 0.4481</a>
Android (android.graphics.Color)	<a href="#">4291679342 (0xFFCDD46E)</a>
YUV	<a href="#">198.2790, -43.5215, 5.8943</a>
Hunter-Lab	<a href="#">78.2252, -19.2984, 36.6832</a>

# Details

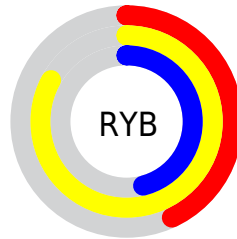
The Hex color **CDD46E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **756ED4**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFA4**, and **959E3A** is the 20% darker color. If you saturate the color by 10%, you get **CCD459**, and if you desaturate by 10%, it is **CED483**.

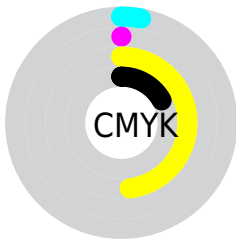
# Distribution



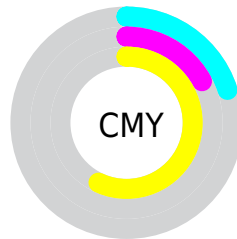
- Red (80%)
- Green (83%)
- Blue (43%)



- Red (43%)
- Yellow (83%)
- Blue (46%)



- Cyan (3%)
- Magenta (0%)
- Yellow (48%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDD46E 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 CDD46E by changing the saturation by 10% instead.



 CDD46E

 CDD46E

FFFFFF

 B1B854

 FFFFA4

 959E3A

 FFFFBF

 7A8320

 FFFFDC

 5F6A00

 FFFFF9

 455200

 2C3B00

 132600

 001000

 000000

 CDD46E

 CDD46E

 CCD459

 CED483

 CAD444

 D0D498

 C9D42E

 D1D4AE

 C7D419

 D3D4C3

 C6D404

 D4D4D8

 C5D400

 D6D4ED

 D7D4FF

 D9D4FF

 DAD4FF

# Harmonies

## Analogous

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



FBC46C



CDD46E



95DF8B

# Triad

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



CDD46E



00E2FF



FFA7E2

# Complementary

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



CDD46E



756ED4

# 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.



F8B5FF



CDD46E



51D8FF

# Square

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



CDD46E



00E7EB



B5C7FF



FFA7B0

# Rectangle

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



CDD46E



67E4A8



B5C7FF



FFABF2



# Sweetspot

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



CDD46E



FDFFD8



D4756E



7E806A



000000



808080



# Same Dimension

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



CDD46E



F5FF6B



9AD46E



6A6B60



9FAB00



282B00



# Inverse Universe

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



756ED4



756BFF



A86ED4



61606B



0C00AB

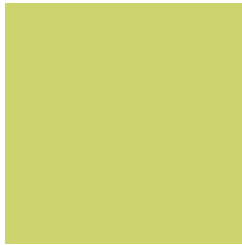


03002B



# Previews

## White Background



This preview shows how the Hex color CDD46E looks on a white background.

## Color Contrast Check

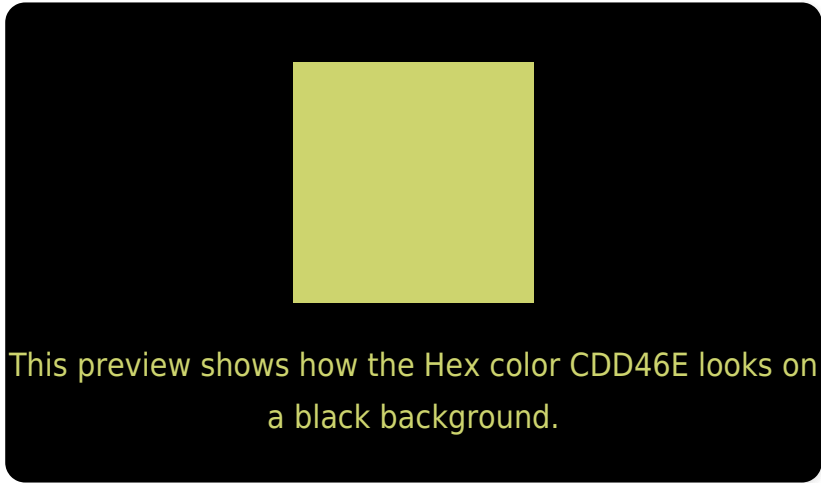
Large Text (above 18pt) WCAG AA × Fail

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

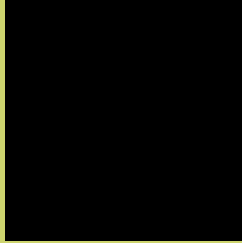
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDD46E Background



This preview shows how black text looks on a background with the Hex color CDD46E.

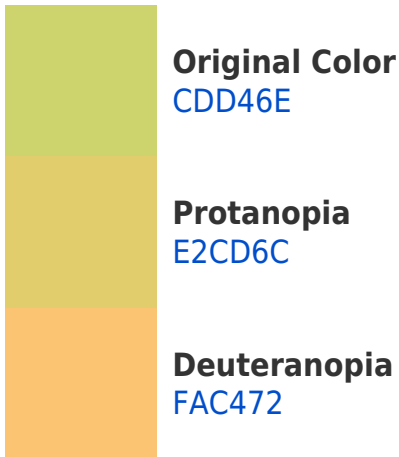


This preview shows how white text looks on a background with the Hex color CDD46E.

# 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](#).

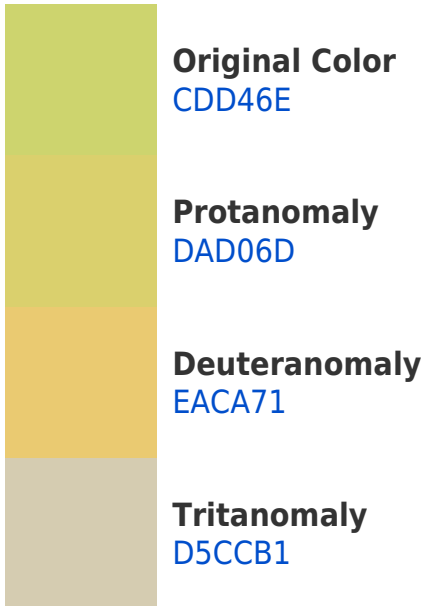
## Dichromacy



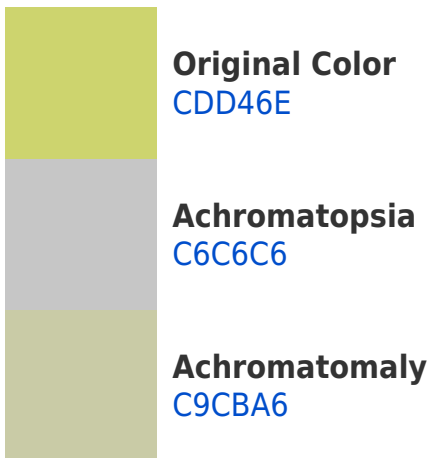


**Tritanopia**  
D9C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDD46E 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 #CDD46E looks like.

```
.text, #text, p{  
    color:#CDD46E  
}
```

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 #CDD46E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD46E
}
```

## Border

The CSS property to change the border of an element to Hex CDD46E 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
#CDD46E }
```

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

```
.border{ border-color:#CDD46E }
```

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

Here you see how a box with a 4 pixel #CDD46E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD46E; -webkit-box-shadow:4px 4px  
4px 4px #CDD46E; box-shadow:4px 4px 4px  
4px #CDD46E }
```

# Background

The CSS property to change the background color of an element to Hex CDD46E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD46E }
```

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

```
.background{ background-color:#CDD46E }
```

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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