

# Converting Colors

Hex(D3CD48)

Have a look what the booklet for  
Hex(D3CD48) contains.

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# **Color**

**Hex(D3CD48)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D3CD48                      |
| RGB         | 211, 205, 72                |
| RGB Percent | 83%, 80%, 28%               |
| CMY         | 0.1725, 0.1961, 0.7176      |
| CMYK        | 0.00, 0.03, 0.66, 0.17      |
| HSL         | 57°, 61%, 55%               |
| HSV         | 57°, 66%, 83%               |
| XYZ         | 49.8650, 57.9794, 14.6939   |
| YIQ         | 191.6320, 46.2690, -40.0910 |

# Conversions

## Conversions Part 2

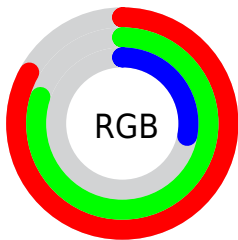
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 78, 211, 72                    |
| Decimal                             | 13880648                       |
| CIELab                              | 80.73, -13.66, 64.19           |
| CIELCh                              | 81, 65.624, 102.018            |
| Yxy                                 | 57.9794, 0.4069,<br>0.4732     |
| Android<br>(android.graphics.Color) | 4292070728<br>(0xFFD3CD48)     |
| YUV                                 | 191.6320, -58.9786,<br>16.9857 |
| Hunter-Lab                          | 76.1442, -16.3571,<br>41.8595  |

# Details

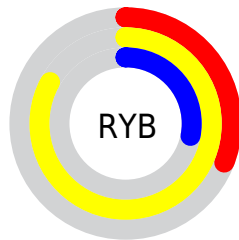
The Hex color **D3CD48** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **484ED3**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF7F**, and **999700** is the 20% darker color. If you saturate the color by 10%, you get **D3CC33**, and if you desaturate by 10%, it is **D3CE5D**.

# Distribution



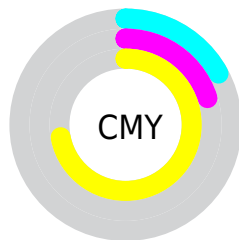
- Red (83%)
- Green (80%)
- Blue (28%)



- Red (31%)
- Yellow (83%)
- Blue (28%)



- Cyan (0%)
- Magenta (3%)
- Yellow (66%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3CD48 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 D3CD48 by changing the saturation by 10% instead.



 D3CD48

 D3CD48

FFFFFF

 B6B22B

 FFFF7F

 999700

 FFFF9B

 7D7D00

 FFFFB7

 626500

 FFFFD4

 474D00

 FFFFF1

 2D3600

 142100

 000500

 000000

 D3CD48

 D3CD48

 D3CC33

 D3CE5D

 D3CB1E

 D3CF72

 D3CA09

 D3D087

 D3CA00

 D3D19C

 D3D2B2

 D3D2C7

 D3D3DC

 D3D4F1

 D3D5FF

# Harmonies

## Analogous

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



FFB850



D3CD48



8FDC69

# Triad

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



D3CD48



00E4FF



FF98F0

# Complementary

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



D3CD48



484ED3

# 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.



ECAEFF



D3CD48



00D9FF

# Square

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



D3CD48



00E7E0



86C7FF



FF92B2

# Rectangle

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



D3CD48



4FE28C



86C7FF



FF9EFF



# Sweetspot

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



D3CD48



FFFDCC



D3484F



807E61



000000



808080



# Same Dimension

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



D3CD48



FFF636



94D348



69685E



A8A100



292700



# Inverse Universe

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



484ED3



363EFF



8748D3



5E5F69



0007A8



000229



# Previews

## White Background



This preview shows how the Hex color D3CD48 looks on a white background.

## Color Contrast Check

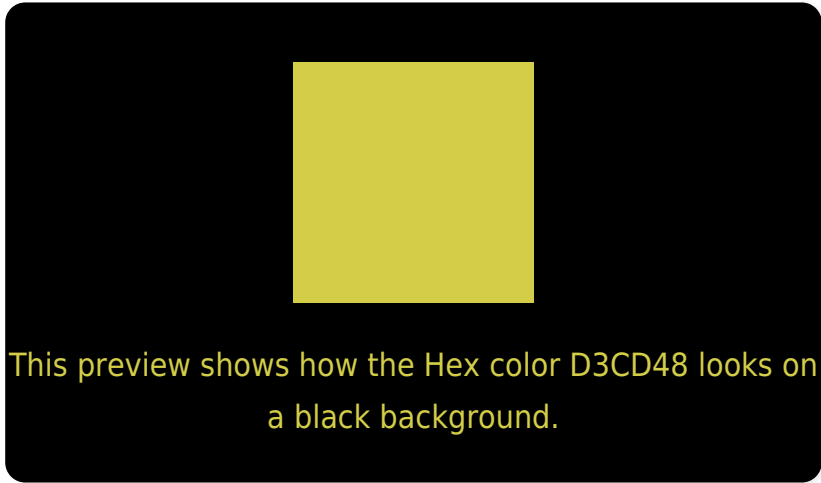
Large Text (above 18pt) WCAG AA × Fail

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 D3CD48 Background



This preview shows how black text looks on a background with the Hex color D3CD48.



This preview shows how white text looks on a background with the Hex color D3CD48.

# 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



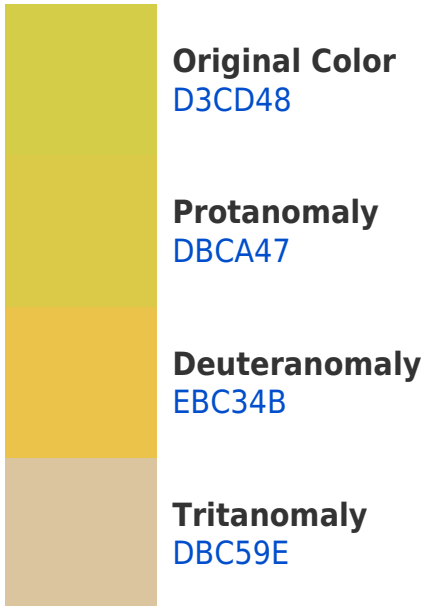
**Original Color**  
D3CD48

**Protanopia**  
E0C947

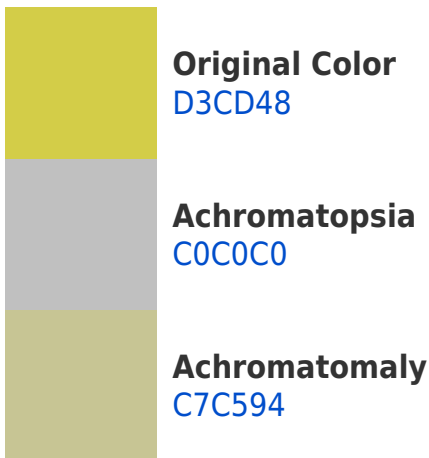
**Deuteranopia**  
F9BE4D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3CD48 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 #D3CD48 looks like.

```
.text, #text, p{  
    color:#D3CD48  
}
```

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 #D3CD48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3CD48
}
```

## Border

The CSS property to change the border of an element to Hex D3CD48 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
#D3CD48 }
```

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

```
.border{ border-color:#D3CD48 }
```

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

Here you see how a box with a 4 pixel #D3CD48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3CD48; -webkit-box-shadow:4px 4px  
4px 4px #D3CD48; box-shadow:4px 4px 4px  
4px #D3CD48 }
```

# Background

The CSS property to change the background color of an element to Hex D3CD48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3CD48 }
```

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

```
.background{ background-color:#D3CD48 }
```

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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