

# Converting Colors

Hex(D0CB42)

Have a look what the booklet for  
Hex(D0CB42) contains.

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**Color**

**Hex(D0CB42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0CB42
RGB	208, 203, 66
RGB Percent	82%, 80%, 26%
CMY	0.1843, 0.2039, 0.7412
CMYK	0.00, 0.02, 0.68, 0.18
HSL	58°, 60%, 54%
HSV	58°, 68%, 82%
XYZ	48.3517, 56.5151, 13.5144
YIQ	188.8770, 46.9570, -41.5470

# Conversions

## Conversions Part 2

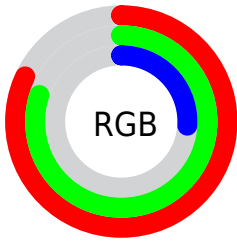
Format	Color
<a href="#">RYB</a>	<a href="#">71, 208, 66</a>
Decimal	<a href="#">13683522</a>
CIELab	<a href="#">79.91, -14.25, 65.59</a>
CIELCh	<a href="#">80, 67.120, 102.254</a>
Yxy	<a href="#">56.5151, 0.4084, 0.4774</a>
Android (android.graphics.Color)	<a href="#">4291873602 (0xFFD0CB42)</a>
YUV	<a href="#">188.8770, -60.5784, 16.7709</a>
Hunter-Lab	<a href="#">75.1765, -16.7521, 41.9651</a>

# Details

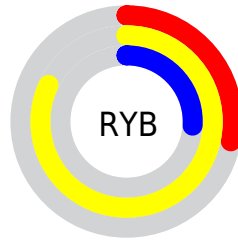
The Hex color **D0CB42** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4247D0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF7A**, and **969500** is the 20% darker color. If you saturate the color by 10%, you get **D0CA2D**, and if you desaturate by 10%, it is **D0CC57**.

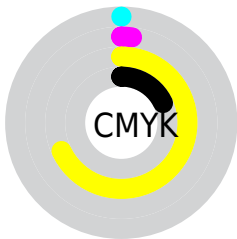
# Distribution



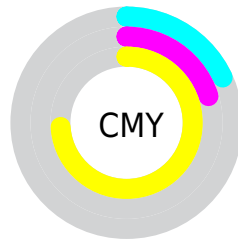
- Red (82%)
- Green (80%)
- Blue (26%)



- Red (28%)
- Yellow (82%)
- Blue (26%)



- Cyan (0%)
- Magenta (2%)
- Yellow (68%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0CB42 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 D0CB42 by changing the saturation by 10% instead.



 D0CB42

 D0CB42

FFFFFF

 B3B023

 FFFF7A

 969500

 FFFF95

 7A7C00

 FFFFB1

 5F6300

 FFFFCE

 444B00

 FFFFEB

 2A3500

 102000

 000000

 D0CB42

 D0CB42

 D0CA2D

 D0CC57

 D0CA18

 D0CC6C

 D0C904

 D0CD80

 D0C900

 D0CE95

 D0CFAA

 D0CFBF

 D0D0D4

 D0D1E8

 D0D2FD

# Harmonies

## Analogous

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



FFB54A



D0CB42



8BDA64

# Triad

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



D0CB42



00E2FF



FF94EE

# Complementary

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



D0CB42



4247D0

# 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.



EBABFF



DOCB42



00D7FF

# Square

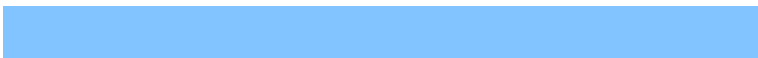
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0CB42



00E5DF



82C4FF



FF8EAF

# Rectangle

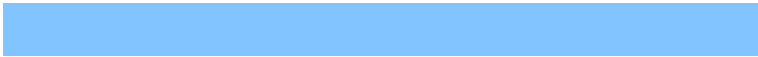
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0CB42



46E089



82C4FF



FF9AFF



# Sweetspot

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



D0CB42



FFFDCC



D04249



807E61



000000



808080



# Same Dimension

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



D0CB42



FFF82E



90D042



69685E



A8A200



292700



# Inverse Universe

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



4247D0



2E35FF



8242D0



5E5E69



0006A8



000129



# Previews

## White Background



This preview shows how the Hex color D0CB42 looks on a white background.

## Color Contrast Check

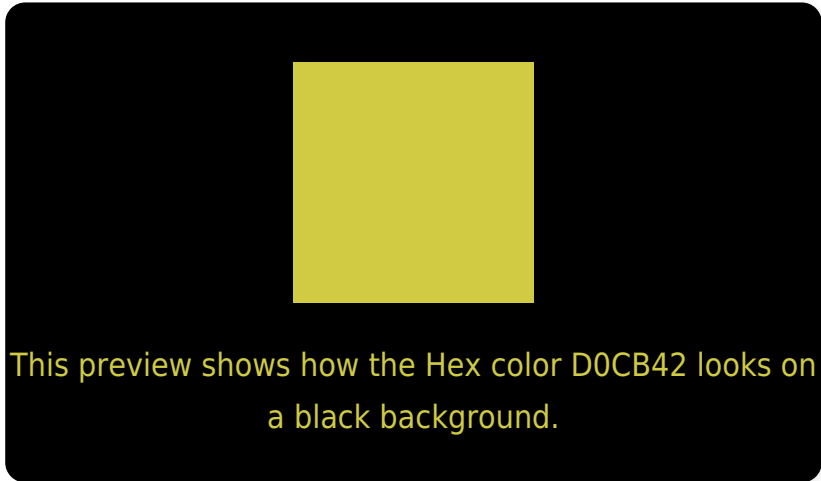
Large Text (above 18pt) WCAG AA × Fail

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 D0CB42 Background



This preview shows how black text looks on a background with the Hex color D0CB42.



This preview shows how white text looks on a background with the Hex color D0CB42.

# 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



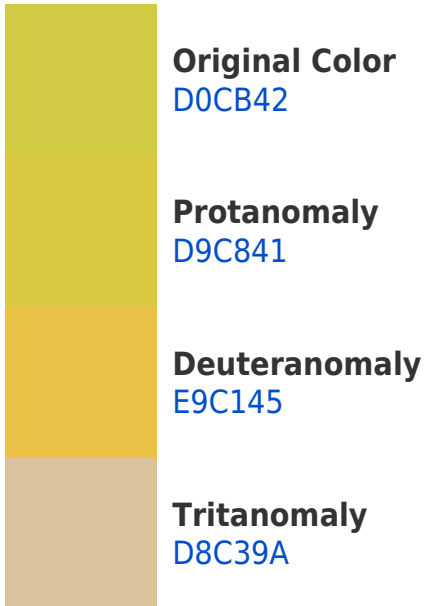
**Original Color**  
D0CB42

**Protanopia**  
DEC641

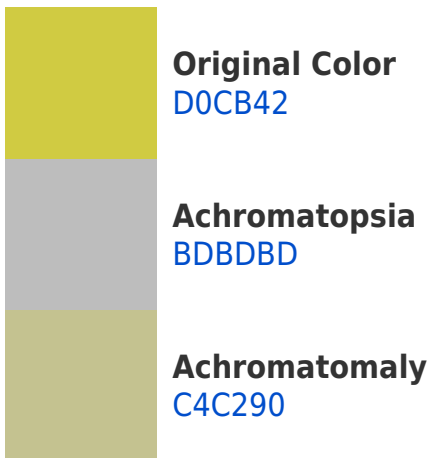
**Deuteranopia**  
F7BC47



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0CB42 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 #D0CB42 looks like.

```
.text, #text, p{  
    color:#D0CB42  
}
```

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 #D0CB42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0CB42
}
```

## Border

The CSS property to change the border of an element to Hex D0CB42 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
#D0CB42 }
```

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

```
.border{ border-color:#D0CB42 }
```

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

Here you see how a box with a 4 pixel #D0CB42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0CB42; -webkit-box-shadow:4px 4px  
4px 4px #D0CB42; box-shadow:4px 4px 4px  
4px #D0CB42 }
```

# Background

The CSS property to change the background color of an element to Hex D0CB42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0CB42 }
```

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

```
.background{ background-color:#D0CB42 }
```

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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