

# Converting Colors

Hex(D0CE77)

Have a look what the booklet for  
Hex(D0CE77) contains.

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# **Color**

**Hex(D0CE77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0CE77
RGB	208, 206, 119
RGB Percent	82%, 81%, 47%
CMY	0.1843, 0.1922, 0.5333
CMYK	0.00, 0.01, 0.43, 0.18
HSL	59°, 49%, 64%
HSV	59°, 43%, 82%
XYZ	51.4135, 58.8844, 26.1088
YIQ	196.6800, 29.1190, -26.6330

# Conversions

## Conversions Part 2

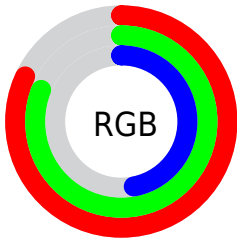
Format	Color
<a href="#">RYB</a>	<a href="#">121, 208, 119</a>
Decimal	<a href="#">13684343</a>
CIELab	<a href="#">81.23, -11.69, 43.38</a>
CIElCh	<a href="#">81, 44.930, 105.082</a>
Yxy	<a href="#">58.8844, 0.3769, 0.4317</a>
Android (android.graphics.Color)	<a href="#">4291874423 (0xFFD0CE77)</a>
YUV	<a href="#">196.6800, -38.2962, 9.9276</a>
Hunter-Lab	<a href="#">76.7362, -14.6927, 33.5424</a>

# Details

The Hex color **D0CE77** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7779D0**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFAD**, and **989844** is the 20% darker color. If you saturate the color by 10%, you get **D0CE62**, and if you desaturate by 10%, it is **D0CE8C**.

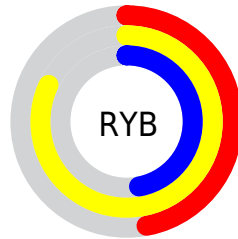
# Distribution



Red (82%)

Green (81%)

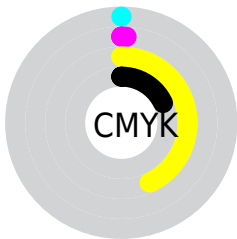
Blue (47%)



Red (47%)

Yellow (82%)

Blue (47%)

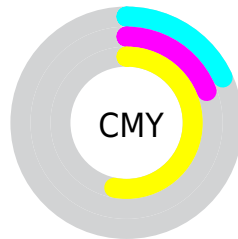


Cyan (0%)

Magenta (1%)

Yellow (43%)

Black (18%)



Cyan (18%)

Magenta (19%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0CE77 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 D0CE77 by changing the saturation by 10% instead.



 D0CE77

FFFFFF

 FFFFAD

 FFFFC8

 FFFF E5

 D0CE77

 B4B35D

 989844

 7D7E2B

 636510

 494D00

 313700

 182100

 000800

 000000

 D0CE77

 D0CE77

 D0CE62

 D0CE8C

 D0CD4D

 D0CFA1

 D0CD39

 D0CFB5

 D0CC24

 D0D0CA

 D0CC0F

 D0D0DF

 D0CB00

 D0D1F4

 D0D1FF

 D0D2FF

# Harmonies

## Analogous

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



F7C078



D0CE77



A1D98D

# Triad

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



D0CE77



00DDFF



FFABE1

# Complementary

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



D0CE77



7779D0

# 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.



E9B7FF



D0CE77



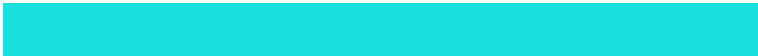
63D4FF

# Square

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



D0CE77



1AE0DE



AFC7FF



FFA9B6

# Rectangle

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



D0CE77



7DDDA5



AFC7FF



FFAEEE



# Sweetspot

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



D0CE77



FFFEDE



D0777A



807F6B



000000



808080



# Same Dimension

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



D0CE77



FFFC7D



A6D077



69685E



A8A500



292800



# Inverse Universe

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



7779D0



7D80FF



A177D0



5E5E69



0004A8



000129



# Previews

## White Background



This preview shows how the Hex color D0CE77 looks on a white background.

## Color Contrast Check

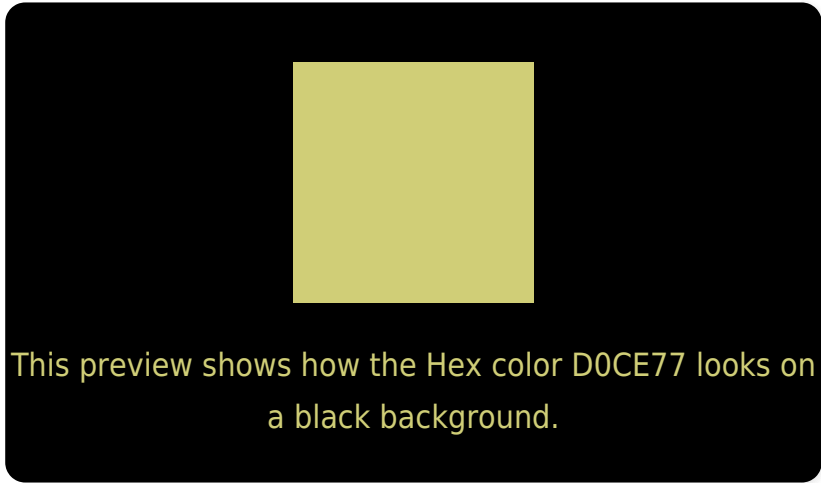
Large Text (above 18pt) WCAG AA × Fail

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

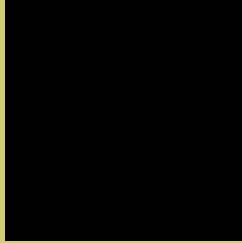
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0CE77 Background



This preview shows how black text looks on a background with the Hex color D0CE77.

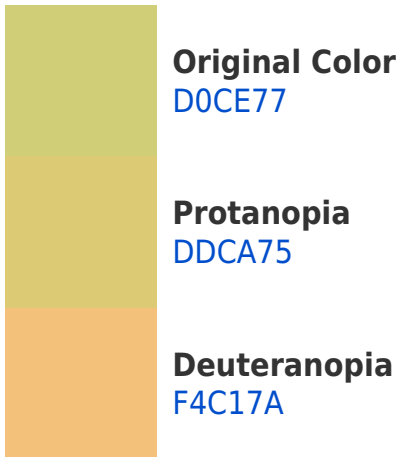


This preview shows how white text looks on a background with the Hex color D0CE77.

# 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](#).

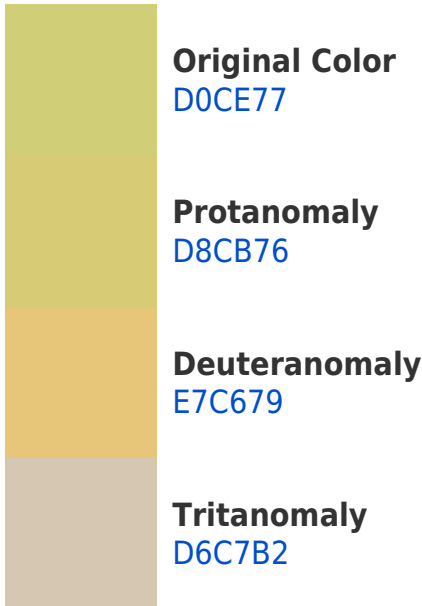
## Dichromacy



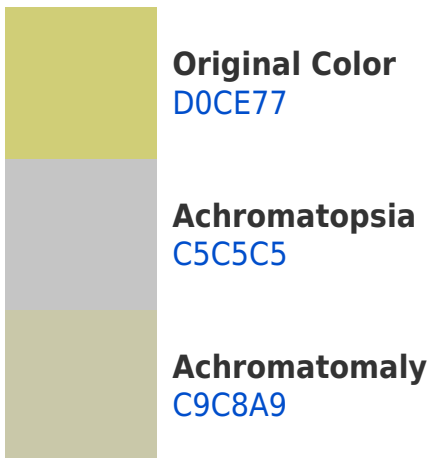


**Tritanopia**  
DAC3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0CE77 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 #D0CE77 looks like.

```
.text, #text, p{  
    color:#D0CE77  
}
```

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 #D0CE77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0CE77
}
```

## Border

The CSS property to change the border of an element to Hex D0CE77 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
#D0CE77 }
```

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

```
.border{ border-color:#D0CE77 }
```

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

Here you see how a box with a 4 pixel #D0CE77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0CE77; -webkit-box-shadow:4px 4px  
4px 4px #D0CE77; box-shadow:4px 4px 4px  
4px #D0CE77 }
```

# Background

The CSS property to change the background color of an element to Hex D0CE77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0CE77 }
```

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

```
.background{ background-color:#D0CE77 }
```

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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