

# Converting Colors

Hex(D0CE67)

Have a look what the booklet for  
Hex(D0CE67) contains.

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**Color**

**Hex(D0CE67)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D0CE67                      |
| RGB         | 208, 206, 103               |
| RGB Percent | 82%, 81%, 40%               |
| CMY         | 0.1843, 0.1922, 0.5961      |
| CMYK        | 0.00, 0.01, 0.50, 0.18      |
| HSL         | 59°, 53%, 61%               |
| HSV         | 59°, 50%, 82%               |
| XYZ         | 50.5319, 58.5318, 21.4664   |
| YIQ         | 194.8560, 34.2550, -31.6090 |

# Conversions

## Conversions Part 2

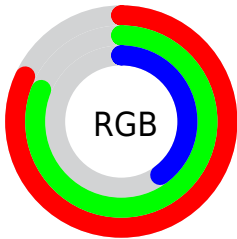
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">105, 208, 103</a>                   |
| Decimal                             | <a href="#">13684327</a>                        |
| CIELab                              | <a href="#">81.03, -13.19, 50.90</a>            |
| CIELCh                              | <a href="#">81, 52.579, 104.534</a>             |
| Yxy                                 | <a href="#">58.5318, 0.3871,<br/>0.4484</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291874407<br/>(0xFFD0CE67)</a>     |
| YUV                                 | <a href="#">194.8560, -45.2850,<br/>11.5273</a> |
| Hunter-Lab                          | <a href="#">76.5061, -15.9872,<br/>36.9184</a>  |

# Details

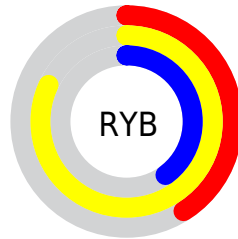
The Hex color **D0CE67** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6769D0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF9D**, and **979833** is the 20% darker color. If you saturate the color by 10%, you get **D0CE52**, and if you desaturate by 10%, it is **D0CE7C**.

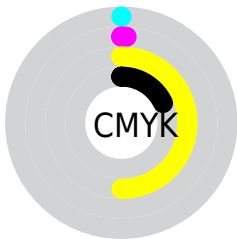
# Distribution



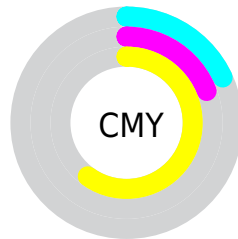
- Red (82%)
- Green (81%)
- Blue (40%)



- Red (41%)
- Yellow (82%)
- Blue (40%)



- Cyan (0%)
- Magenta (1%)
- Yellow (50%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0CE67 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 D0CE67 by changing the saturation by 10% instead.



 D0CE67

 D0CE67

FFFFFF

 B3B34D

 FFFF9D

 979833

 FFFF88

 7C7E17

 FFFFD4

 616500

 FFFFF1

 484D00

 2E3700

 152200

 000700

 000000

 D0CE67

 D0CE67

 D0CE52

 D0CE7C

 D0CD3D

 D0CF91

 D0CD29

 D0CFA5

 D0CC14

 D0D0BA

 D0CC00

 D0D0CF

 D0D0E4

 D0D1F9

 D0D1FF

 D0D2FF

# Harmonies

## Analogous

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



FDBD6A



D0CE67



99DA81

# Triad

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



D0CE67



00DFFF



FFA4E5

# Complementary

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



D0CE67



6769D0

# 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.



ECB3FF



D0CE67



2CD6FF

# Square

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



D0CE67



00E3E0



A5C6FF



FFA1B3

# Rectangle

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



D0CE67



6CDF9D



A5C6FF



FFA8F4



# Sweetspot

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



D0CE67



FFFED9



D0676A



807F69



000000



808080



# Same Dimension

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



D0CE67



FFFC63



9FD067



69685E



A8A500



292800



# Inverse Universe

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



6769D0



6366FF



9867D0



5E5E69



0003A8



000129



# Previews

## White Background



This preview shows how the Hex color D0CE67 looks on a white background.

## Color Contrast Check

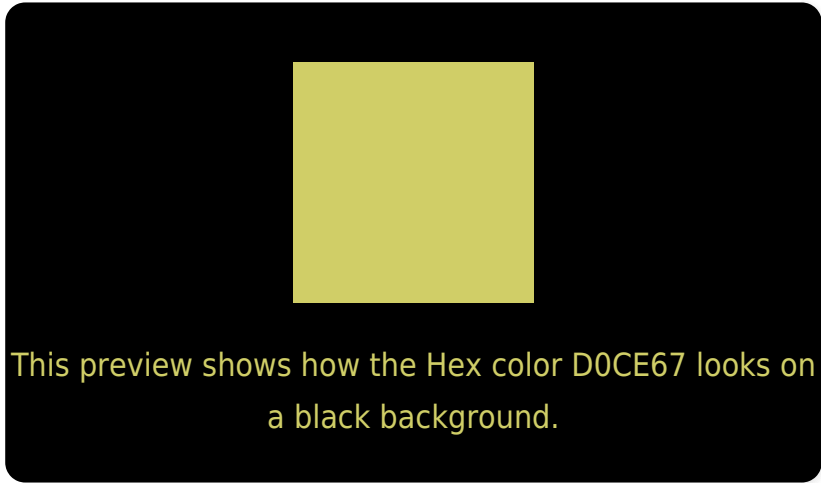
Large Text (above 18pt) WCAG AA × Fail

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 D0CE67 Background



This preview shows how black text looks on a background with the Hex color D0CE67.

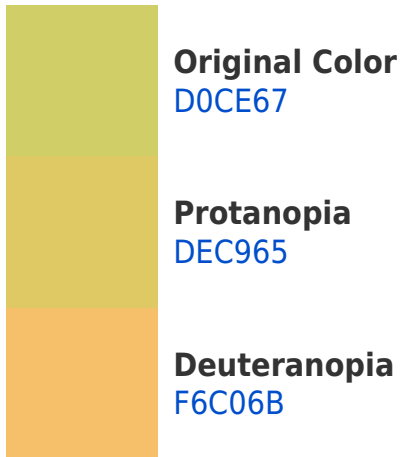


This preview shows how white text looks on a background with the Hex color D0CE67.

# 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](#).

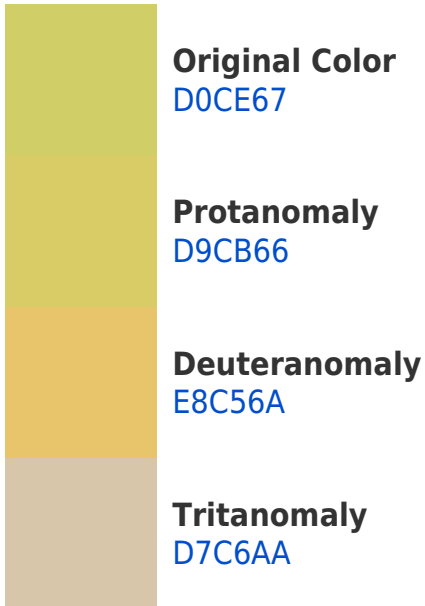
## Dichromacy



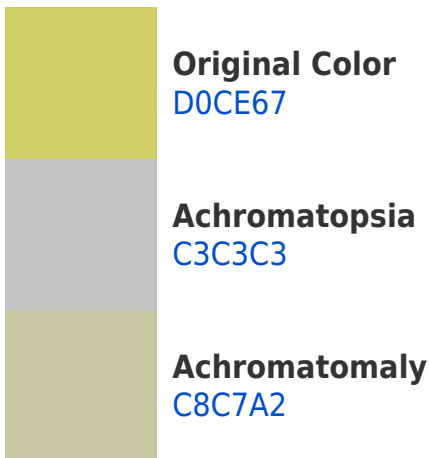


**Tritanopia**  
DBC2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0CE67 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 #D0CE67 looks like.

```
.text, #text, p{  
    color:#D0CE67  
}
```

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 #D0CE67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0CE67
}
```

## Border

The CSS property to change the border of an element to Hex D0CE67 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
#D0CE67 }
```

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

```
.border{ border-color:#D0CE67 }
```

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

Here you see how a box with a 4 pixel #D0CE67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0CE67; -webkit-box-shadow:4px 4px  
4px 4px #D0CE67; box-shadow:4px 4px 4px  
4px #D0CE67 }
```

# Background

The CSS property to change the background color of an element to Hex D0CE67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0CE67 }
```

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

```
.background{ background-color:#D0CE67 }
```

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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