

Converting Colors

Hex(D0C037)

Have a look what the booklet for
Hex(D0C037) contains.

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Color

Hex(D0C037)

Conversions

Conversions Part 1

Format	Color
Hex	D0C037
RGB	208, 192, 55
RGB Percent	82%, 75%, 22%
CMY	0.1843, 0.2471, 0.7843
CMYK	0.00, 0.08, 0.74, 0.18
HSL	54°, 62%, 52%
HSV	54°, 74%, 82%
XYZ	45.5517, 51.3850, 11.1319
YIQ	181.1660, 53.5130, -39.2150

Conversions

Conversions Part 2

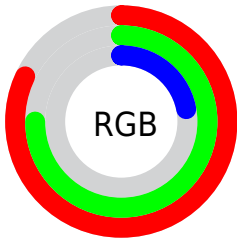
Format	Color
RYB	73, 208, 55
Decimal	13680695
CIELab	76.91, -9.20, 66.67
CIELCh	77, 67.305, 97.854
Yxy	51.3850, 0.4215, 0.4755
Android (android.graphics.Color)	4291870775 (0xFFD0C037)
YUV	181.1660, -62.1998, 23.5334
Hunter-Lab	71.6833, -12.0168, 40.9710

Details

The Hex color **D0C037** 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 **3747D0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF86F**, and **968B00** is the 20% darker color. If you saturate the color by 10%, you get **D0BE22**, and if you desaturate by 10%, it is **D0C24C**.

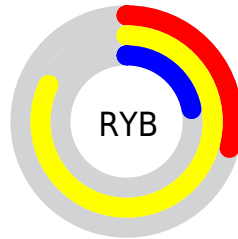
Distribution



Red (82%)

Green (75%)

Blue (22%)



Red (29%)

Yellow (82%)

Blue (22%)

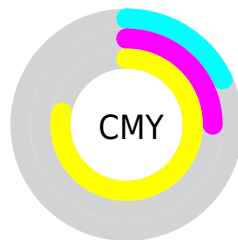


Cyan (0%)

Magenta (8%)

Yellow (74%)

Black (18%)



Cyan (18%)

Magenta (25%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0C037 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 D0C037 by changing the saturation by 10% instead.

 D0C037

 D0C037

FFFFFF

 B3A514

 FFF86F

 968B00

 FFFF8B

 797200

 FFFFA7

 5E5900

 FFFFC3

 434200

 FFFFEO

 292C00

FFFFFFE

 0E1900

 000000

 D0C037

 D0C037

 D0BE22

 D0C24C

 D0BC0D

 D0C461

 D0BA00

 D0C775

 D0C98A

 D0CB9F

 D0CDB4

 D0CFC9

 D0D1DD

 D0D4F2

Harmonies

Analogous

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



FFAA47



D0C037



8ED055

Triad

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



D0C037



00DAFF



FF8EEE

Complementary

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



D0C037



3747D0

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.



D6A6FF



D0C037



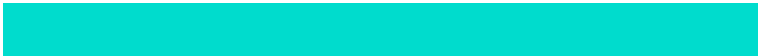
00D1FF

Square

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



D0C037



00DCCD



5EBFFF



FF84B0

Rectangle

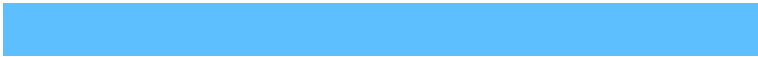
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0C037



4FD778



5EBFFF



FF95FF

Sweetspot

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



D0C037



FFF9C7



D03749



807C5E



000000



808080

Same Dimension

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



D0C037



FFE81F



95D037



69675E



A89700



292500

Inverse Universe

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



3747D0



1F36FF



7237D0



5E5F69



0012A8



000429

Previews

White Background



This preview shows how the Hex color D0C037 looks on a white background.

Color Contrast Check

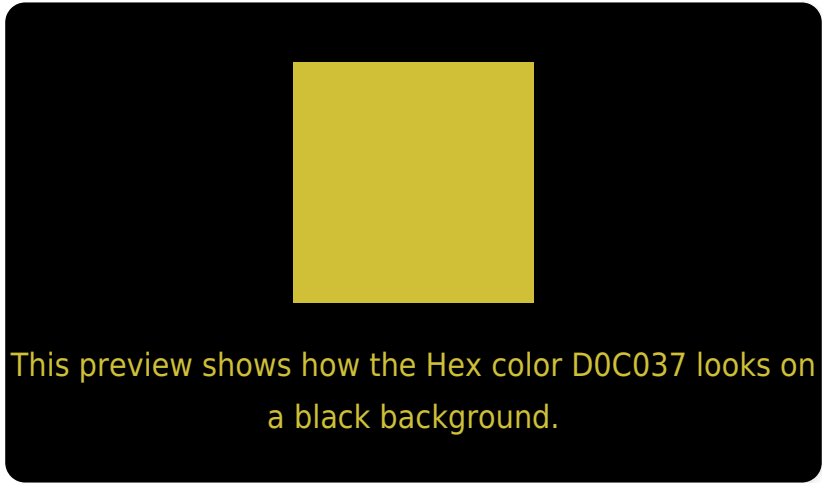
Large Text (above 18pt) WCAG AA × Fail

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 D0C037 Background



This preview shows how black text looks on a background with the Hex color D0C037.

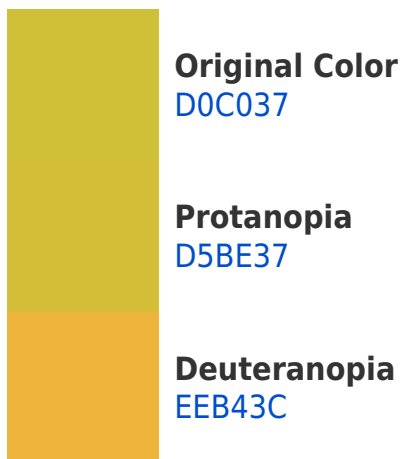


This preview shows how white text looks on a background with the Hex color D0C037.

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](#).

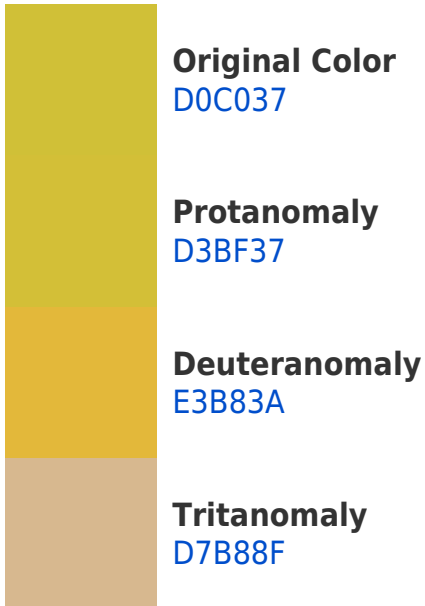
Dichromacy





Tritanopia
DBB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0C037 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 #D0C037 looks like.

```
.text, #text, p{  
    color:#D0C037  
}
```

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 #D0C037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0C037
}
```

Border

The CSS property to change the border of an element to Hex D0C037 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
#D0C037 }
```

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

```
.border{ border-color:#D0C037 }
```

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

Here you see how a box with a 4 pixel #D0C037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0C037; -webkit-box-shadow:4px 4px  
4px 4px #D0C037; box-shadow:4px 4px 4px  
4px #D0C037 }
```

Background

The CSS property to change the background color of an element to Hex D0C037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0C037 }
```

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

```
.background{ background-color:#D0C037 }
```

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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