

Converting Colors

Hex(D0D832)

Have a look what the booklet for
Hex(D0D832) contains.

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Color

Hex(D0D832)

Conversions

Conversions Part 1

Format	Color
Hex	D0D832
RGB	208, 216, 50
RGB Percent	82%, 85%, 20%
CMY	0.1843, 0.1529, 0.8039
CMYK	0.04, 0.00, 0.77, 0.15
HSL	63°, 68%, 52%
HSV	63°, 77%, 85%
XYZ	51.1440, 62.7519, 12.4344
YIQ	194.6840, 48.5180, -53.3220

Conversions

Conversions Part 2

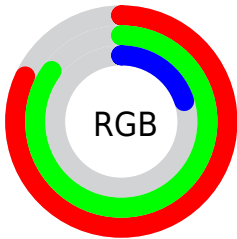
Format	Color
RYB	50, 216, 58
Decimal	13686834
CIELab	83.31, -21.39, 74.19
CIELCh	83, 77.215, 106.079
Yxy	62.7519, 0.4048, 0.4967
Android (android.graphics.Color)	4291876914 (0xFFD0D832)
YUV	194.6840, -71.3292, 11.6781
Hunter-Lab	79.2161, -23.3839, 46.1447

Details

The Hex color **D0D832** 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 **3A32D8**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF6E**, and **96A100** is the 20% darker color. If you saturate the color by 10%, you get **CFD81C**, and if you desaturate by 10%, it is **D1D848**.

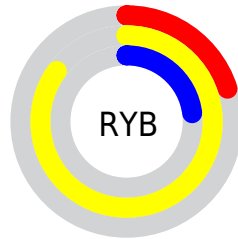
Distribution



Red (82%)

Green (85%)

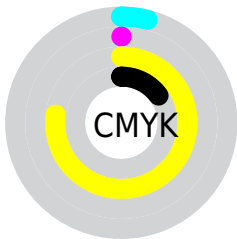
Blue (20%)



Red (20%)

Yellow (85%)

Blue (23%)

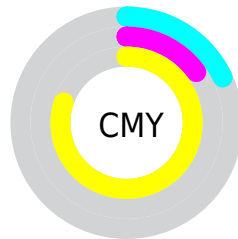


Cyan (4%)

Magenta (0%)

Yellow (77%)

Black (15%)



Cyan (18%)

Magenta (15%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0D832 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 D0D832 by changing the saturation by 10% instead.

 D0D832

 D0D832

FFFFFF

 B3BC01

 FFFF6E

 96A100

 FFFF8B

 798700

 FFFFA7

 5E6E00

 FFFFC4

 425600

 FFFFE1

 273F00

 0C2900

 001400

 000000

 D0D832

 D0D832

 CFD81C

 D1D848

 CED807

 D2D85D

 CED800

 D3D873

 D4D888

 D5D89E

 D6D8B4

 D7D8C9

 D8D8DF

 D9D8F4

Harmonies

Analogous

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



FFC037



D0D832



7BE864

Triad

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



D0D832



00EEFF



FF90F5

Complementary

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



D0D832



3A32D8

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.



FFABFF



D0D832



00E1FF

Square

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



D0D832



00F2F6



8ECAFF



FF8CAB

Rectangle

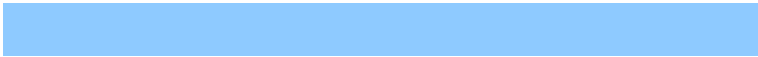
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0D832



00EE92



8ECAFF



FF97FF

Sweetspot

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



D0D832



FCFFC4



D83832



7E805C



000000



808080

Same Dimension

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



D0D832



F4FF14



7FD832



6B6B60



A3AB00



292B00

Inverse Universe

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



3A32D8



2014FF



8B32D8



61606B



0800AB



02002B

Previews

White Background



This preview shows how the Hex color D0D832 looks on a white background.

Color Contrast Check

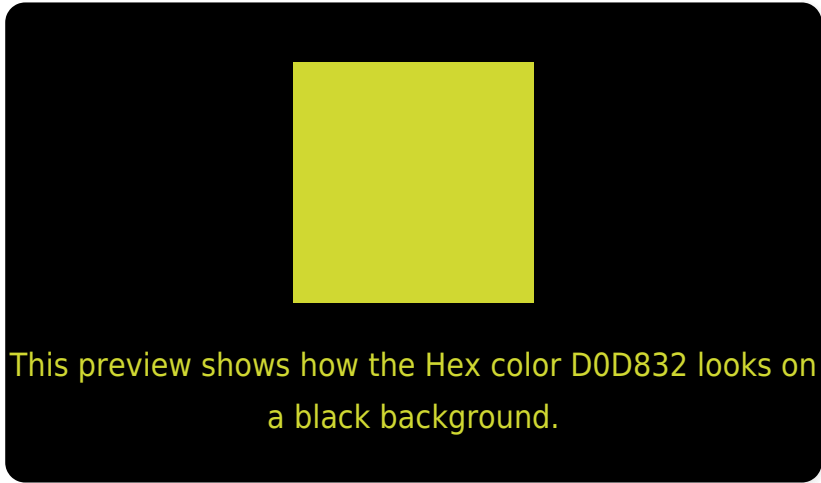
Large Text (above 18pt) WCAG AA × Fail

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 D0D832 Background



This preview shows how black text looks on a background with the Hex color D0D832.

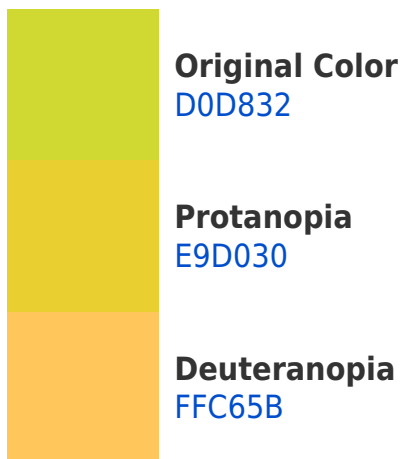


This preview shows how white text looks on a background with the Hex color D0D832.

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](#).

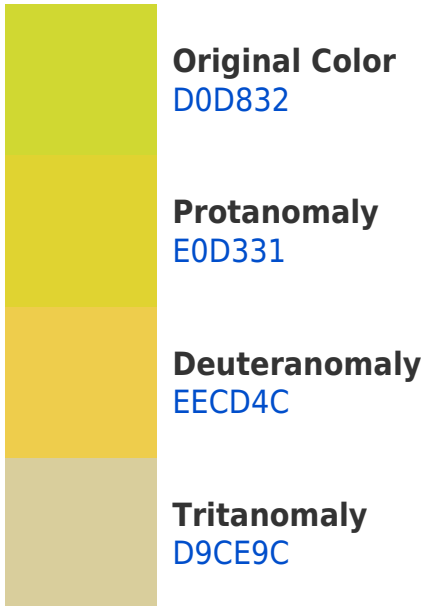
Dichromacy





Tritanopia
DEC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0D832 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 #D0D832 looks like.

```
.text, #text, p{  
    color:#D0D832  
}
```

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 #D0D832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D832
}
```

Border

The CSS property to change the border of an element to Hex D0D832 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
#D0D832 }
```

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

```
.border{ border-color:#D0D832 }
```

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

Here you see how a box with a 4 pixel #D0D832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D832; -webkit-box-shadow:4px 4px  
4px 4px #D0D832; box-shadow:4px 4px 4px  
4px #D0D832 }
```

Background

The CSS property to change the background color of an element to Hex D0D832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D832 }
```

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

```
.background{ background-color:#D0D832 }
```

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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