

Converting Colors

Hex(DED C00)

Have a look what the booklet for
Hex(DEDCC0) contains.

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Color

Hex(DED C00)

Conversions

Conversions Part 1

Format	Color
Hex	DEDC00
RGB	222, 220, 0
RGB Percent	87%, 86%, 0%
CMY	0.1294, 0.1373, 1.0000
CMYK	0.00, 0.01, 1.00, 0.13
HSL	59°, 100%, 44%
HSV	59°, 100%, 87%
XYZ	55.7174, 66.7160, 9.9409
YIQ	195.5180, 71.8120, -67.9960

Conversions

Conversions Part 2

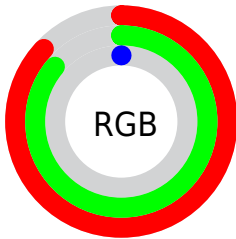
Format	Color
R _Y B	2, 222, 0
Decimal	14605312
CIE Lab	85.36, -18.44, 84.70
CIE LCh	85, 86.686, 102.280
Yxy	66.7160, 0.4209, 0.5040
Android (android.graphics.Color)	4292795392 (0xFFDEDC00)
YUV	195.5180, -96.3904, 23.2247
Hunter-Lab	81.6799, -21.1771, 49.9600

Details

The Hex color **DEDC00** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **0002DE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF58**, and **A2A500** is the 20% darker color. If you saturate the color by 10%, you get **DEDC00**, and if you desaturate by 10%, it is **DEDC16**.

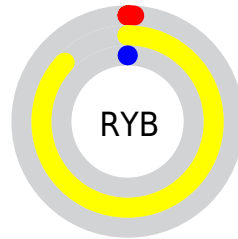
Distribution



Red (87%)

Green (86%)

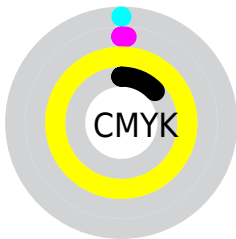
Blue (0%)



Red (1%)

Yellow (87%)

Blue (0%)

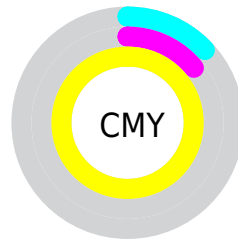


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEDC00 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 DEDC00 by changing the saturation by 10% instead.

 DEDC00

 DEDC00

FFFFFF

 C0C000

 FFFF58

 A2A500

 FFFF77

 858B00

 FFFF94

 687200

 FFFFB2

 4C5A00

 FFFFCF

 314200

 FFFFED

 172C00

 001A00

 000000

 DEDC00

 DEDC16

 DEDC2C

 DEDD43

 DEDD59

 DEDD6F

 DEDD85

 DEDD9B

 DEDEB2

 DEDEC8

Harmonies

Analogous

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



FFBF25



DEDC00



81EF51

Triad

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



DEDC00



00F8FF



FF8DFF

Complementary

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



DEDC00



0002DE

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.



FFB0FF



DEDC00



00ECFF

Square

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



DED00



00FCF6



5FD3FF



FF83B7

Rectangle

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



DEDC00



00F685



5FD3FF



FF97FF

Sweetspot

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



DEDC00



FFFEB3



DE0004



807F52



000000



808080

Same Dimension

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



DEDC00



FFFD00



73DE00



707065



B0AE00



303000

Inverse Universe

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



0002DE



0002FF



6B00DE



656570



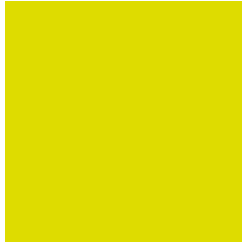
0002B0



000030

Previews

White Background



This preview shows how the Hex color DEDC00 looks on a white background.

Color Contrast Check

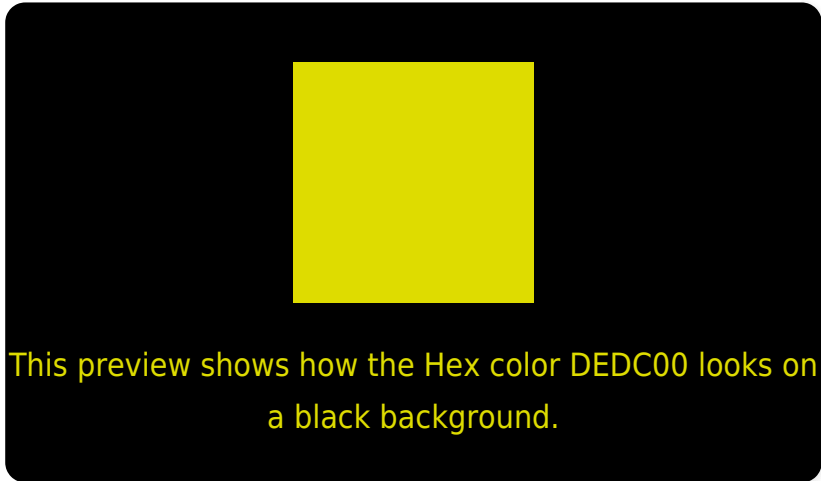
Large Text (above 18pt) WCAG AA × Fail

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 DEDC00 Background



This preview shows how black text looks on a background with the Hex color DEDC00.

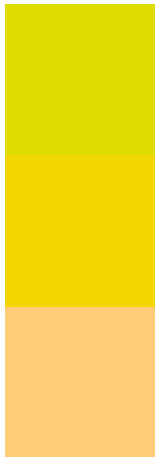


This preview shows how white text looks on a background with the Hex color DEDC00.

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

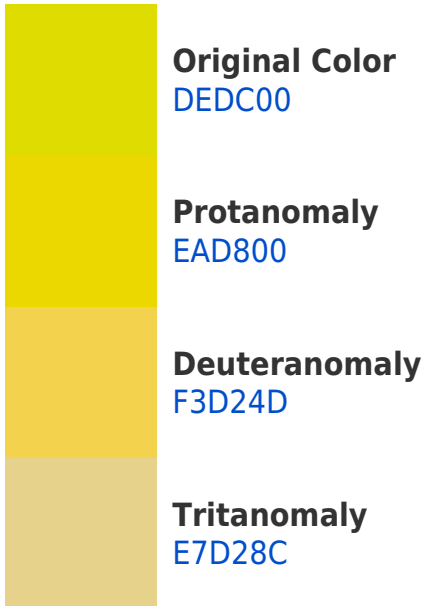


Original Color
DEDC00

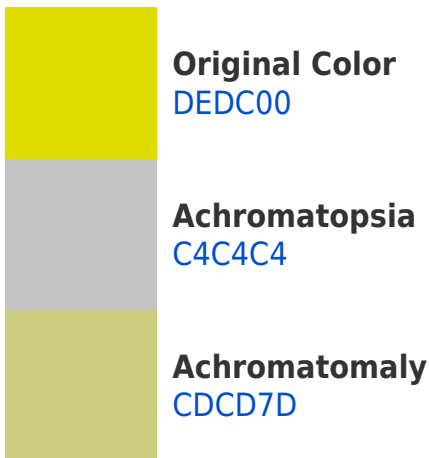
Protanopia
F1D600

Deuteranopia
FFCD79

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEDC00 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 #DED C00 looks like.

```
.text, #text, p{  
    color:#DED C00  
}
```

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 #DEDC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEDC00  
}
```

Border

The CSS property to change the border of an element to Hex DEDC00 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  
#DEDC00 }
```

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

```
.border{ border-color:#DEDC00 }
```

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

Here you see how a box with a 4 pixel #DEDC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEDC00; -webkit-box-shadow:4px 4px  
4px 4px #DEDC00; box-shadow:4px 4px 4px  
4px #DEDC00 }
```

Background

The CSS property to change the background color of an element to Hex DEDC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEDC00 }
```

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

```
.background{ background-color:#DEDC00 }
```

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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