

Converting Colors

Hex(DED812)

Have a look what the booklet for
Hex(DED812) contains.

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Color

Hex(DED812)

Conversions

Conversions Part 1

Format	Color
Hex	DED812
RGB	222, 216, 18
RGB Percent	87%, 85%, 7%
CMY	0.1294, 0.1529, 0.9294
CMYK	0.00, 0.03, 0.92, 0.13
HSL	58°, 85%, 47%
HSV	58°, 92%, 87%
XYZ	54.7892, 64.6850, 10.1700
YIQ	195.2220, 67.1340, -60.3060

Conversions

Conversions Part 2

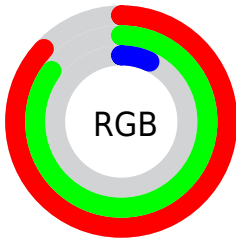
Format	Color
RYB	24, 222, 18
Decimal	14604306
CIELab	84.32, -16.30, 82.22
CIElCh	84, 83.823, 101.210
Yxy	64.6850, 0.4226, 0.4989
Android (android.graphics.Color)	4292794386 (0xFFDED812)
YUV	195.2220, -87.3704, 23.4843
Hunter-Lab	80.4270, -19.1477, 48.8016

Details

The Hex color **DED812** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **1218DE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF5D**, and **A2A200** is the 20% darker color. If you saturate the color by 10%, you get **DED700**, and if you desaturate by 10%, it is **DED928**.

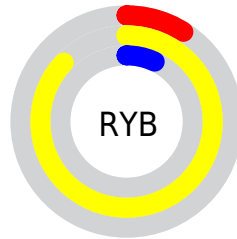
Distribution



Red (87%)

Green (85%)

Blue (7%)



Red (9%)

Yellow (87%)

Blue (7%)

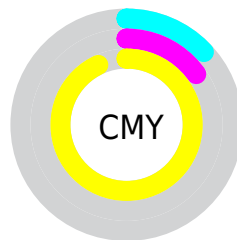


Cyan (0%)

Magenta (3%)

Yellow (92%)

Black (13%)



Cyan (13%)

Magenta (15%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DED812 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 DED812 by changing the saturation by 10% instead.

 DED812

 DED812

FFFFFF

 C0BC00

 FFFF5D

 A2A200

 FFFF7A

 858800

 FFFF97

 696E00

 FFFFB5

 4D5600

 FFFFD2

 323F00

 FFFFF0

 192900

 001700

 000000

 DED812

 DED812

 DED700

 DED928

 DED93E

 DEDA55

 DEDB6B

 DEDB81

 DEDC97

 DEDDAD

 DEDDC4

 DEDEDA

Harmonies

Analogous

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



FFBC2E



DED812



86EA51

Triad

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



DED812



00F5FF



FF8EFF

Complementary

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



DED812



1218DE

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.



FCB0FF



DED812



00E9FF

Square

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



DED812



00F8EF



5BD2FF



FF84B8

Rectangle

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



DED812



00F282



5BD2FF



FF98FF

Sweetspot

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



DED812



FFFDB8



DE1219



807E54



000000



808080

Same Dimension

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



DED812



FFF800



7FDE12



707065



B0AB00



302F00

Inverse Universe

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



1218DE



0007FF



7112DE



656570



0005B0



000130

Previews

White Background



This preview shows how the Hex color DED812 looks on a white background.

Color Contrast Check

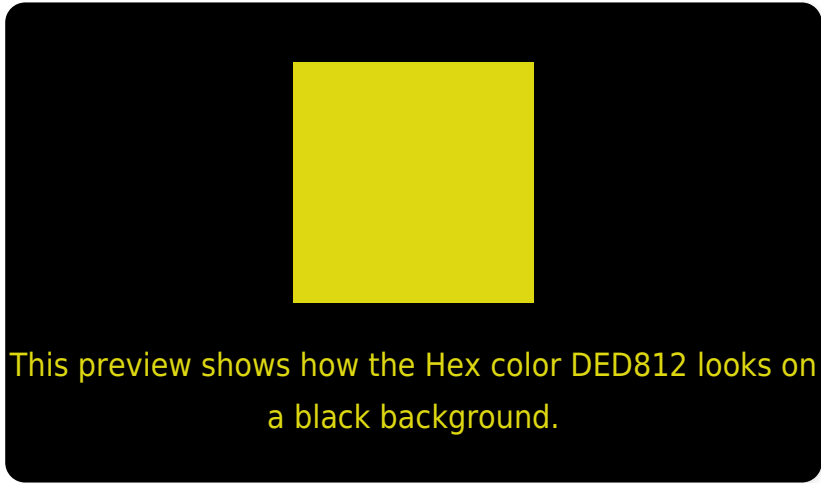
Large Text (above 18pt) WCAG AA × Fail

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 DED812 Background



This preview shows how black text looks on a background with the Hex color DED812.

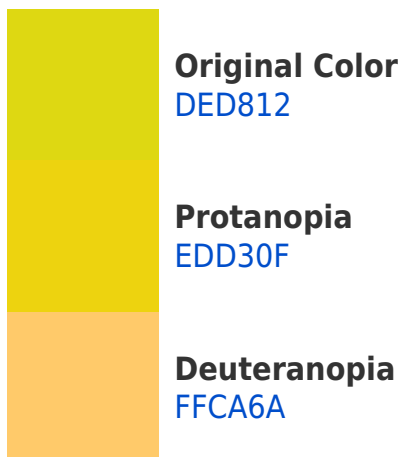


This preview shows how white text looks on a background with the Hex color DED812.

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](#).

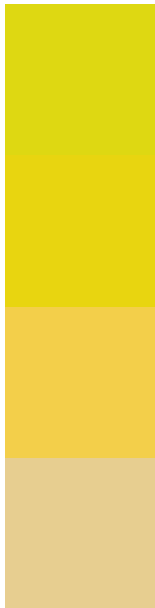
Dichromacy





Tritanopia
ECC9D8

Trichromacy



Original Color
DED812

Protanomaly
E8D510

Deuteranomaly
F3CF4A

Tritanomaly
E7CE90

Monochromacy



Original Color
DED812

Achromatopsia
C3C3C3

Achromatomaly
CDCB83

CSS Examples

Text

The CSS property to change the color of the text to Hex DED812 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 #DED812 looks like.

```
.text, #text, p{  
    color:#DED812  
}
```

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 #DED812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DED812
}
```

Border

The CSS property to change the border of an element to Hex DED812 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
#DED812 }
```

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

```
.border{ border-color:#DED812 }
```

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

Here you see how a box with a 4 pixel #DED812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DED812; -webkit-box-shadow:4px 4px  
4px 4px #DED812; box-shadow:4px 4px 4px  
4px #DED812 }
```

Background

The CSS property to change the background color of an element to Hex DED812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DED812 }
```

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

```
.background{ background-color:#DED812 }
```

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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