

Converting Colors

Hex(D0ED5C)

Have a look what the booklet for
Hex(D0ED5C) contains.

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Color

Hex(D0ED5C)

Conversions

Conversions Part 1

Format	Color
Hex	D0ED5C
RGB	208, 237, 92
RGB Percent	82%, 93%, 36%
CMY	0.1843, 0.0706, 0.6392
CMYK	0.12, 0.00, 0.61, 0.07
HSL	72°, 80%, 65%
HSV	72°, 61%, 93%
XYZ	58.2284, 74.7510, 21.4846
YIQ	211.7990, 29.2610, -51.2430

Conversions

Conversions Part 2

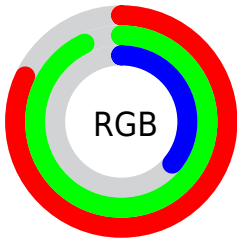
Format	Color
R_{YB}	92, 237, 121
Decimal	13692252
CIE Lab	89.28, -29.12, 65.08
CIE LCh	89, 71.294, 114.110
Yxy	74.7510, 0.3770, 0.4839
Android (android.graphics.Color)	4291882332 (0xFFD0ED5C)
YUV	211.7990, -59.0609, -3.3317
Hunter-Lab	86.4586, -31.0860, 45.7877

Details

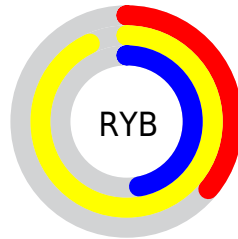
The Hex color **D0ED5C** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **795CED**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF94**, and **96B520** is the 20% darker color. If you saturate the color by 10%, you get **CBED44**, and if you desaturate by 10%, it is **D5ED74**.

Distribution



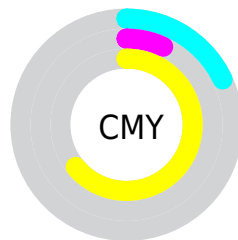
- Red (82%)
- Green (93%)
- Blue (36%)



- Red (36%)
- Yellow (93%)
- Blue (47%)



- Cyan (12%)
- Magenta (0%)
- Yellow (61%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0ED5C 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 D0ED5C by changing the saturation by 10% instead.

 D0ED5C

FFFFFF

 FFFF94

 FFFF80

 FFFF66

 FFFF4D

 D0ED5C

 B3D140

 96B520

 7A9A00

 5F8000

 446700

 284F00

 083800

 002300

 000000

 D0ED5C

 D0ED5C

 CBED44

 D5ED74

 C7ED2D

 D9ED8B

 C2ED15

 DEEDA3

 BEED00

 E3EDBB

 E8EDD3

 ECEDEA

 F1EDFF

 F6EDFF

 FBEDFF

Harmonies

Analogous

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



FFD852



D0ED5C



7AFA8D

Triad

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



D0ED5C



00FBFF



FFA5F1

Complementary

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



D0ED5C



795CED

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.



FFB8FF



D0ED5C



00ECFF

Square

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



D0ED5C



00FFFF



CDD4FF



FFA8AD

Rectangle

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



D0ED5C



00FFB9



CDD4FF



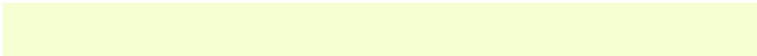
FFA9FF

Sweetspot

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



D0ED5C



F6FFD1



ED795C



7A8063



000000



808080

Same Dimension

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



D0ED5C



DAFF45



88ED5C



73756A



91B500



2B3600

Inverse Universe

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



795CED



6A45FF



C25CED



6C6A75



2400B5



0B0036

Previews

White Background



This preview shows how the Hex color D0ED5C looks on a white background.

Color Contrast Check

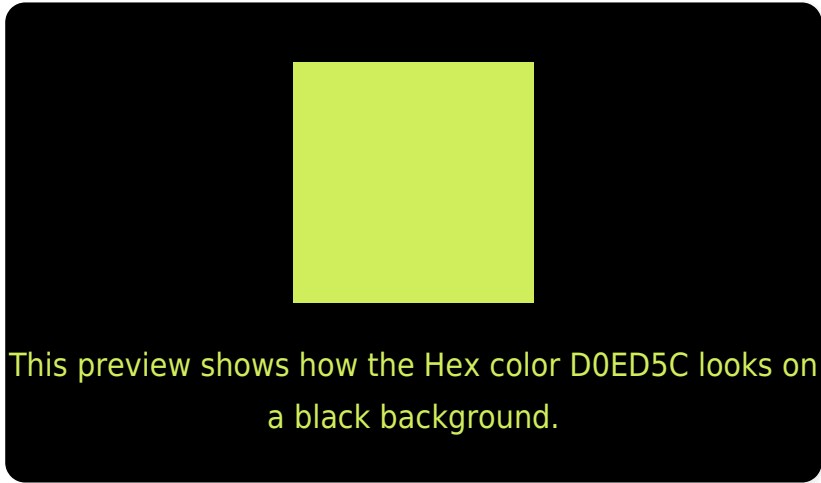
Large Text (above 18pt) WCAG AA × Fail

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 D0ED5C Background



This preview shows how black text looks on a background with the Hex color D0ED5C.

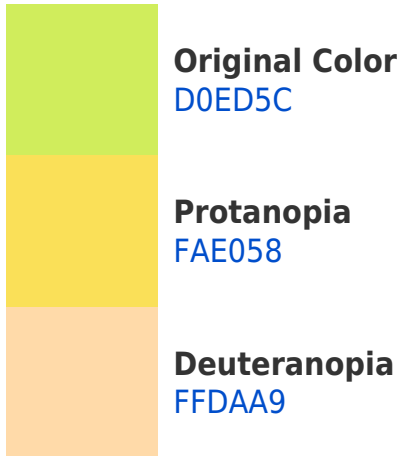


This preview shows how white text looks on a background with the Hex color D0ED5C.

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](#).

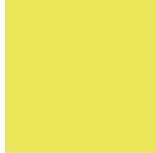
Dichromacy



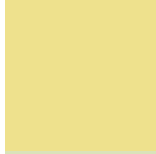
Trichromacy



Original Color
D0ED5C



Protanomaly
EBE559



Deuteranomaly
EEE18D

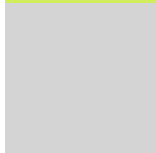


Tritanomaly
DAE3BA

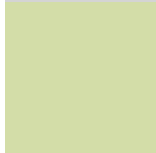
Monochromacy



Original Color
D0ED5C



Achromatopsia
D4D4D4



Achromatomaly
D3DDA8

CSS Examples

Text

The CSS property to change the color of the text to Hex D0ED5C 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 #D0ED5C looks like.

```
.text, #text, p{  
    color:#D0ED5C  
}
```

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 #D0ED5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0ED5C
}
```

Border

The CSS property to change the border of an element to Hex D0ED5C 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
#D0ED5C }
```

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

```
.border{ border-color:#D0ED5C }
```

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

Here you see how a box with a 4 pixel #D0ED5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0ED5C; -webkit-box-shadow:4px 4px  
4px 4px #D0ED5C; box-shadow:4px 4px 4px  
4px #D0ED5C }
```

Background

The CSS property to change the background color of an element to Hex D0ED5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0ED5C }
```

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

```
.background{ background-color:#D0ED5C }
```

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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