

Converting Colors

Hex(D0EC77)

Have a look what the booklet for
Hex(D0EC77) contains.

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Color

Hex(D0EC77)

Conversions

Conversions Part 1

Format	Color
Hex	D0EC77
RGB	208, 236, 119
RGB Percent	82%, 93%, 47%
CMY	0.1843, 0.0745, 0.5333
CMYK	0.12, 0.00, 0.50, 0.07
HSL	74°, 75%, 70%
HSV	74°, 50%, 93%
XYZ	59.3377, 74.7327, 28.7502
YIQ	214.2900, 20.8690, -42.3230

Conversions

Conversions Part 2

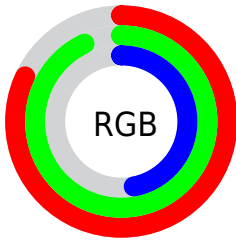
Format	Color
RYB	119, 236, 147
Decimal	13692023
CIELab	89.27, -26.41, 53.19
CIELCh	89, 59.381, 116.403
Yxy	74.7327, 0.3644, 0.4590
Android (android.graphics.Color)	4291882103 (0xFFD0EC77)
YUV	214.2900, -46.9780, -5.5163
Hunter-Lab	86.4481, -28.7624, 40.7955

Details

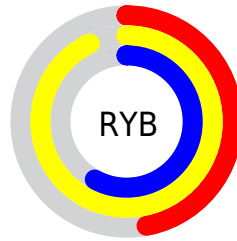
The Hex color **D0EC77** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9377EC**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFAE**, and **97B442** is the 20% darker color. If you saturate the color by 10%, you get **CAEC5F**, and if you desaturate by 10%, it is **D6EC8F**.

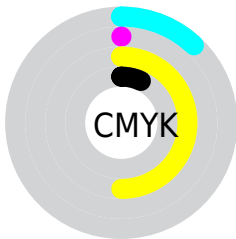
Distribution



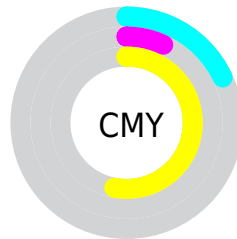
- Red (82%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0EC77 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 D0EC77 by changing the saturation by 10% instead.

 D0EC77

FFFFFF

 FFFFAE

 FFFPCA

 FFFFE7

 D0EC77

 B3D05C

 97B442

 7C9927

 617F02

 476600

 2E4E00

 113700

 002200

 000000

 D0EC77

 D0EC77

 CAEC5F

 D6EC8F

 C5EC48

 DBECA6

 BFEC30

 E1ECBE

 B9EC19

 E7ECD5

 B4EC01

 ECECED

 B4EC00

 F2ECFF

 F8ECFF

 FDECFF

 FFECFF

Harmonies

Analogous

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



FFDB6C



D0EC77



8BF79F

Triad

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



D0EC77



00F6FF



FFB2EA

Complementary

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



D0EC77



9377EC

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.



FFBFFF



D0EC77



6CE8FF

Square

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



D0EC77



00FDFD



DAD4FF



FFB5B1

Rectangle

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



D0EC77



47FCC4



DAD4FF



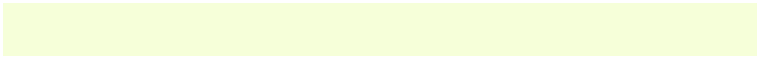
FFB4FD

Sweetspot

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



D0EC77



F6FFD9



EC9277



7A8069



000000



808080

Same Dimension

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



D0EC77



DBFF69



96EC77



72756A



8AB500



293600

Inverse Universe

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



9377EC



8D69FF



CD77EC



6C6A75



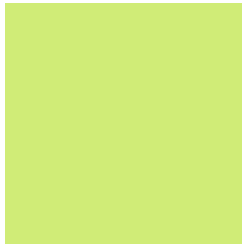
2B00B5



0D0036

Previews

White Background



This preview shows how the Hex color D0EC77 looks on a white background.

Color Contrast Check

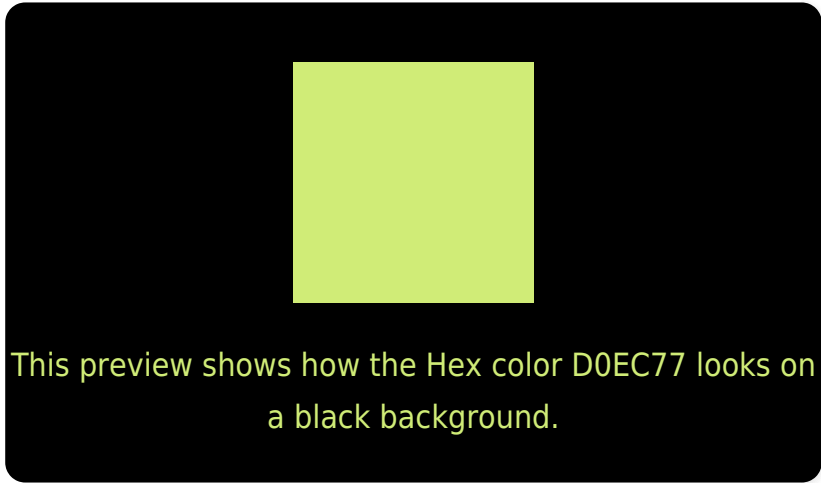
Large Text (above 18pt) WCAG AA × Fail

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 D0EC77 Background



This preview shows how black text looks on a background with the Hex color D0EC77.

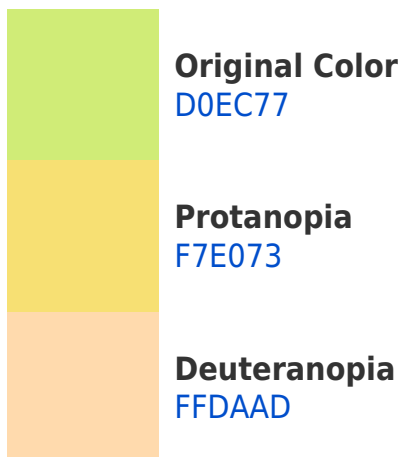


This preview shows how white text looks on a background with the Hex color D0EC77.

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](#).

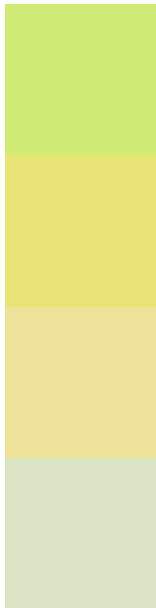
Dichromacy





Tritanopia
DFDFF0

Trichromacy



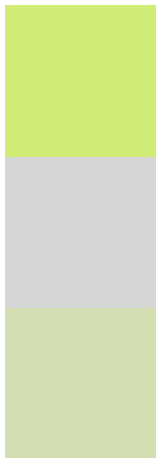
Original Color
D0EC77

Protanomaly
E9E474

Deuteranomaly
EEE199

Tritanomaly
DAE4C4

Monochromacy



Original Color
D0EC77

Achromatopsia
D6D6D6

Achromatomaly
D4DEB3

CSS Examples

Text

The CSS property to change the color of the text to Hex D0EC77 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 #D0EC77 looks like.

```
.text, #text, p{  
    color:#D0EC77  
}
```

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 #D0EC77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0EC77  
}
```

Border

The CSS property to change the border of an element to Hex D0EC77 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  
#D0EC77 }
```

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

```
.border{ border-color:#D0EC77 }
```

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

Here you see how a box with a 4 pixel #D0EC77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0EC77; -webkit-box-shadow:4px 4px  
4px 4px #D0EC77; box-shadow:4px 4px 4px  
4px #D0EC77 }
```

Background

The CSS property to change the background color of an element to Hex D0EC77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0EC77 }
```

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

```
.background{ background-color:#D0EC77 }
```

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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