

# Converting Colors

Hex(0ED000)

Have a look what the booklet for  
Hex(0ED000) contains.

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**Color**

**Hex(0ED000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0ED000
RGB	14, 208, 0
RGB Percent	5%, 82%, 0%
CMY	0.9451, 0.1843, 1.0000
CMYK	0.93, 0.00, 1.00, 0.18
HSL	116°, 100%, 41%
HSV	116°, 100%, 82%
XYZ	22.7370, 45.2051, 7.5271
YIQ	126.2820, -48.8560, -105.8160

# Conversions

## Conversions Part 2

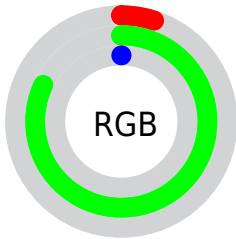
Format	Color
<a href="#">RYB</a>	<a href="#">0, 208, 194</a>
Decimal	<a href="#">970752</a>
CIELab	<a href="#">73.03, -73.35, 71.41</a>
CIELCh	<a href="#">73, 102.371, 135.767</a>
Yxy	<a href="#">45.2051, 0.3013, 0.5990</a>
Android (android.graphics.Color)	<a href="#">4279160832 (0xFF0ED000)</a>
YUV	<a href="#">126.2820, -62.2570, -98.4713</a>
Hunter-Lab	<a href="#">67.2347, -57.2969, 40.4267</a>

# Details

The Hex color **0ED000** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **C200D0**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6DFF52**, and **009800** is the 20% darker color. If you saturate the color by 10%, you get **0ED000**, and if you desaturate by 10%, it is **21D015**.

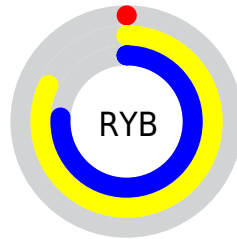
# Distribution



Red (5%)

Green (82%)

Blue (0%)



Red (0%)

Yellow (82%)

Blue (76%)

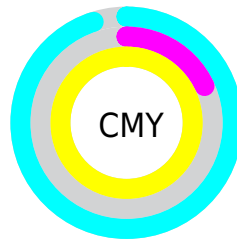


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (95%)

Magenta (18%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0ED000 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 0ED000 by changing the saturation by 10% instead.



 0ED000

 0ED000

FFFFFF

 00B400

 6DFF52

 009800

 8EFF6F

 007D00

 AEFF8C

 006200

 CEFFA9

 004800

 EDFFC6

 003000

 FFFFE3

 001300

 000000

 0ED000

 21D015

 35D02A

 48D03E

 5CD053

 6FD068

 82D07D

 96D092

 A9D0A6

 BDD0BB

# Harmonies

## Analogous

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



ABBE00



0ED000



00D882

# Triad

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



0ED000



00CBFF



FF3387

# Complementary

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



0ED000



C200D0

# 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.



FF3FE4



0ED000



00AEFF

# Square

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



0ED000



00D8FF



F27EFF



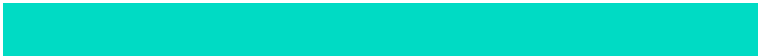
FF6E29

# Rectangle

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



0ED000



00DBC4



F27EFF



FF28A5

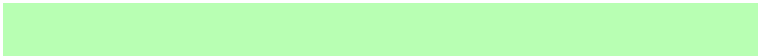


# Sweetspot

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



0ED000



B8FFB3



D0BF00



558052



000000



808080



# Same Dimension

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



0ED000



11FF00



00D057



5F695E



0BA800



032900



# Inverse Universe

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



C200D0



EE00FF



D00079



685E69



9D00A8

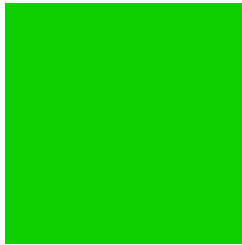


260029



# Previews

## White Background



This preview shows how the Hex color 0ED000 looks on a white background.

## Color Contrast Check

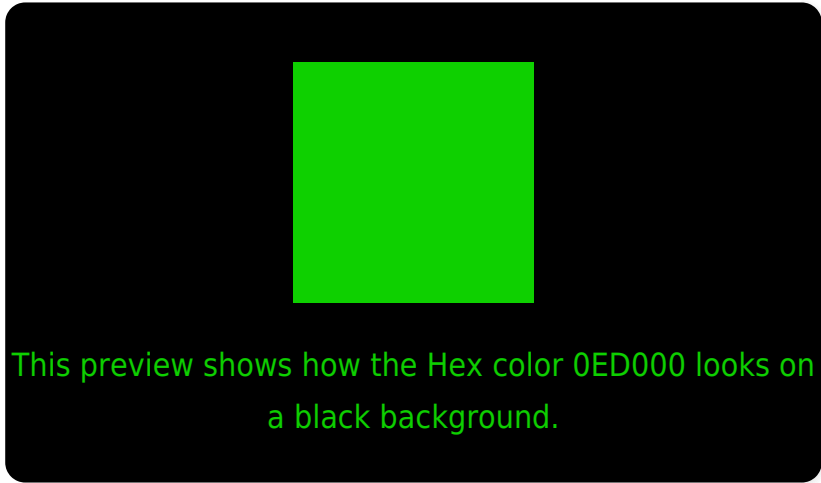
Large Text (above 18pt) WCAG AA × Fail

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

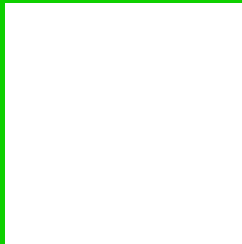
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0ED000 Background



This preview shows how black text looks on a background with the Hex color 0ED000.

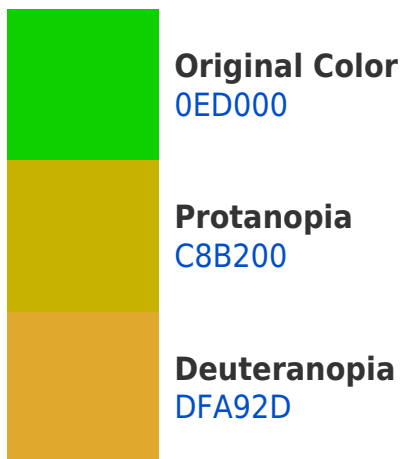


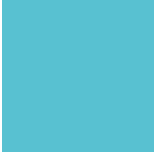
This preview shows how white text looks on a background with the Hex color 0ED000.

# 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](#).

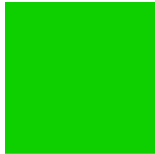
## Dichromacy





**Tritanopia**  
58C1D1

# Trichromacy



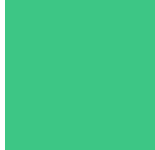
**Original Color**  
0ED000



**Protanomaly**  
84BD00



**Deuteranomaly**  
93B71D



**Tritanomaly**  
3DC685

# Monochromacy



**Original Color**  
0ED000



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
559C50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0ED000 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 #0ED000 looks like.

```
.text, #text, p{  
    color:#0ED000  
}
```

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 #0ED000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0ED000
}
```

## Border

The CSS property to change the border of an element to Hex 0ED000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

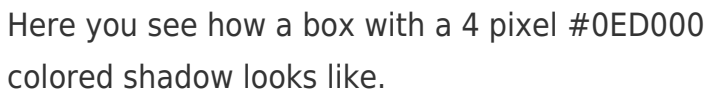
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0ED000 }
```

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

```
.border{ border-color:#0ED000 }
```

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



Here you see how a box with a 4 pixel #0ED000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0ED000; -webkit-box-shadow:4px 4px  
4px 4px #0ED000; box-shadow:4px 4px 4px  
4px #0ED000 }
```

# Background

The CSS property to change the background color of an element to Hex 0ED000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0ED000 }
```

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

```
.background{ background-color:#0ED000 }
```

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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