

Converting Colors

Hex(00ED17)

Have a look what the booklet for
Hex(00ED17) contains.

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Color

Hex(00ED17)

Conversions

Conversions Part 1

Format	Color
Hex	00ED17
RGB	0, 237, 23
RGB Percent	0%, 93%, 9%
CMY	1.0000, 0.0706, 0.9098
CMYK	1.00, 0.00, 0.90, 0.07
HSL	126°, 100%, 46%
HSV	126°, 100%, 93%
XYZ	30.4388, 60.6302, 10.9091
YIQ	141.7410, -72.5580, -116.7980

Conversions

Conversions Part 2

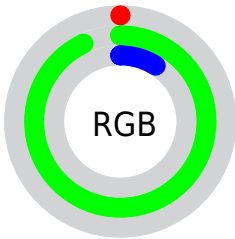
Format	Color
RYB	0, 216, 237
Decimal	60695
CIELab	82.18, -81.10, 76.38
CIELCh	82, 111.410, 136.716
Yxy	60.6302, 0.2985, 0.5945
Android (android.graphics.Color)	4278250775 (0xFF00ED17)
YUV	141.7410, -58.5393, -124.3069
Hunter-Lab	77.8654, -66.4860, 46.1991

Details

The Hex color **00ED17** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **ED00D6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **73FF5F**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **00ED17**, and if you desaturate by 10%, it is **18ED2C**.

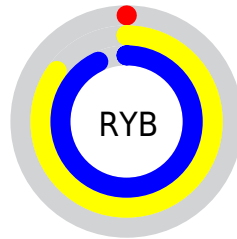
Distribution



Red (0%)

Green (93%)

Blue (9%)



Red (0%)

Yellow (85%)

Blue (93%)

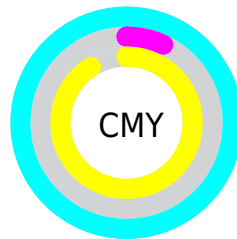


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (7%)



Cyan (100%)

Magenta (7%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ED17 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 00ED17 by changing the saturation by 10% instead.

 00ED17

 00ED17

FFFFFF

 00D000

 73FF5F

 00B300

 95FF7D

 009700

 B6FF9A

 007C00

 D7FFB7

 006100

 F7FFD5

 004700

 FFFFF3

 002E00

 000E00

 000000

 00ED17

 18ED2C

 2FED42

 47ED57

 5FED6D

 76ED82

 8EED97

 A6EDAD

 BEEDC2

 D5EDD8

Harmonies

Analogous

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



CODA00



00ED17



00F698

Triad

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



00ED17



00E7FF



FF4397

Complementary

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



00ED17



ED00D6

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.



FF4CFF



00ED17



00C5FF

Square

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



00ED17



00F6FF



FF8FFF



FF822E

Rectangle

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



00ED17



00F9E2



FF8FFF



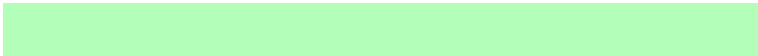
FF37BA

Sweetspot

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



00ED17



B3FFBA



D9ED00



528056



000000



808080

Same Dimension

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



00ED17



00FF19



00ED8A



6A756B



00B512



003605

Inverse Universe

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



ED00D6



FF00E6



ED0063



756A74



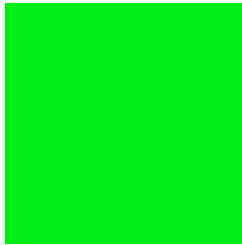
B500A3



360030

Previews

White Background



This preview shows how the Hex color 00ED17 looks on a white background.

Color Contrast Check

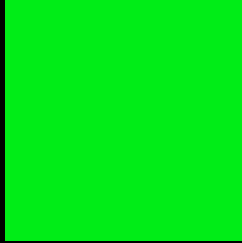
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00ED17 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

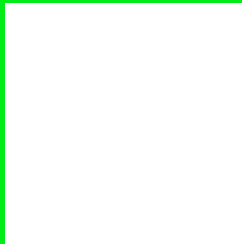
Any Text WCAG AAA ✓ Pass

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

Hex 00ED17 Background



This preview shows how black text looks on a background with the Hex color 00ED17.

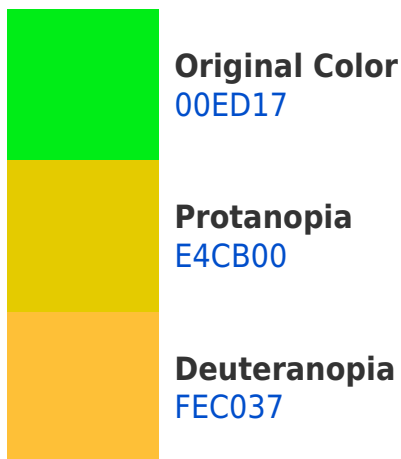


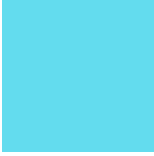
This preview shows how white text looks on a background with the Hex color 00ED17.

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](#).

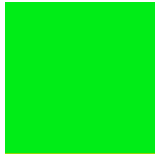
Dichromacy





Tritanopia
63DCEE

Trichromacy



Original Color
00ED17



Protanomaly
91D708

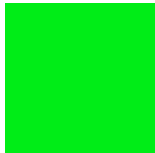


Deuteranomaly
A2D02B



Tritanomaly
3FE2A0

Monochromacy



Original Color
00ED17



Achromatopsia
8E8E8E



Achromatomaly
5AB163

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ED17 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 #00ED17 looks like.

```
.text, #text, p{  
    color:#00ED17  
}
```

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 #00ED17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ED17  
}
```

Border

The CSS property to change the border of an element to Hex 00ED17 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  
#00ED17 }
```

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

```
.border{ border-color:#00ED17 }
```

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

Here you see how a box with a 4 pixel #00ED17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ED17; -webkit-box-shadow:4px 4px  
4px 4px #00ED17; box-shadow:4px 4px 4px  
4px #00ED17 }
```

Background

The CSS property to change the background color of an element to Hex 00ED17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ED17 }
```

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

```
.background{ background-color:#00ED17 }
```

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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