

Converting Colors

Hex(00ED71)

Have a look what the booklet for
Hex(00ED71) contains.

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Color

Hex(00ED71)

Conversions

Conversions Part 1

Format	Color
Hex	00ED71
RGB	0, 237, 113
RGB Percent	0%, 93%, 44%
CMY	1.0000, 0.0706, 0.5569
CMYK	1.00, 0.00, 0.52, 0.07
HSL	149°, 100%, 46%
HSV	149°, 100%, 93%
XYZ	33.2648, 61.7606, 25.7905
YIQ	152.0010, -101.4480, -88.8080

Conversions

Conversions Part 2

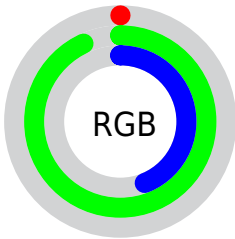
Format	Color
RYB	0, 160, 237
Decimal	60785
CIELab	82.79, -73.44, 46.57
CIELCh	83, 86.966, 147.618
Yxy	61.7606, 0.2753, 0.5112
Android (android.graphics.Color)	4278250865 (0xFF00ED71)
YUV	152.0010, -19.2275, -133.3049
Hunter-Lab	78.5879, -61.9731, 35.5541

Details

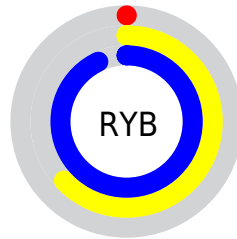
The Hex color **00ED71** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark washed spring green. A complement of this color would be **ED007C**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6FFFA7**, and **00B33D** is the 20% darker color. If you saturate the color by 10%, you get **00ED71**, and if you desaturate by 10%, it is **18ED7D**.

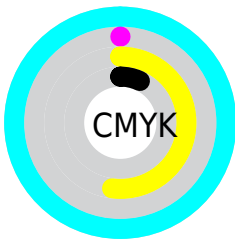
Distribution



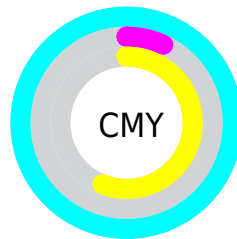
- Red (0%)
- Green (93%)
- Blue (44%)



- Red (0%)
- Yellow (63%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ED71 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 00ED71 by changing the saturation by 10% instead.

 00ED71

 00ED71


FFFFFF

 00D057

 6FFFA7

 00B33D

 91FFC3

 009722

 B2FFDF

 007C00

 D1FFFD

 006200

 F1FFFF

 004800

 002F00

 001100

 000000

 00ED71

 18ED7D

 2FED8A

 47ED96

 5FEDA3

 76EDAF

 8EEDBB

 A6EDC8

 BEEDD4

 D5EDE1

Harmonies

Analogous

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



ABDF21



00ED71



00F3C5

Triad

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



00ED71



00DAFF



FF8587

Complementary

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



00ED71



ED007C

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.



FF7AD8



00ED71



BFBBFF

Square

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



00ED71



00ECFF



FF95FF



FFA73F

Rectangle

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



00ED71



00F4FD



FF95FF



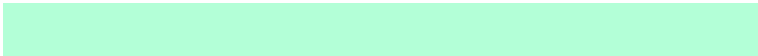
FF7DA2

Sweetspot

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



00ED71



B3FFD7



7EED00



528067



000000



808080

Same Dimension

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



00ED71



00FF7A



00EDE5



6A756F



00B556



00361A

Inverse Universe

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



ED007C



FF0085



ED0008



756A70



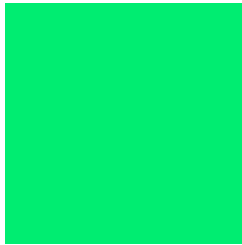
B5005F



36001C

Previews

White Background



This preview shows how the Hex color 00ED71 looks on a white background.

Color Contrast Check

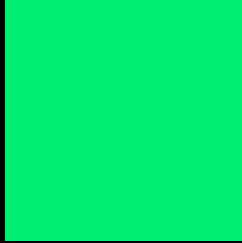
Large Text (above 18pt) WCAG AA × Fail

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 00ED71 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

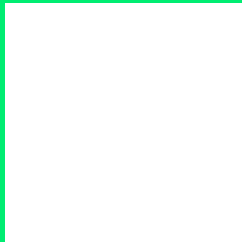
Any Text WCAG AAA ✓ Pass

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

Hex 00ED71 Background



This preview shows how black text looks on a background with the Hex color 00ED71.

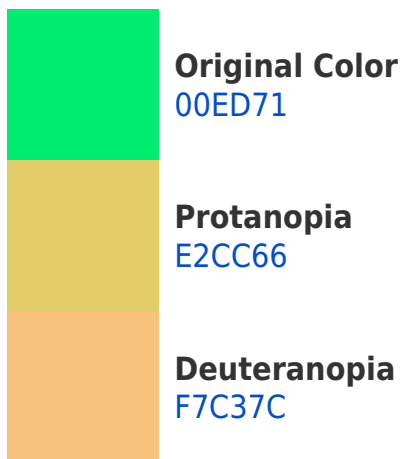


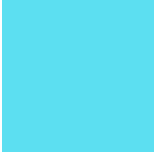
This preview shows how white text looks on a background with the Hex color 00ED71.

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](#).

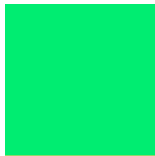
Dichromacy





Tritanopia
5CDFF1

Trichromacy



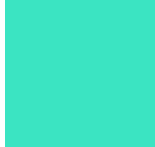
Original Color
00ED71



Protanomaly
90D86A



Deuteranomaly
9DD278



Tritanomaly
3BE4C2

Monochromacy



Original Color
00ED71



Achromatopsia
989898



Achromatomaly
61B78A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ED71 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 #00ED71 looks like.

```
.text, #text, p{  
    color:#00ED71  
}
```

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 #00ED71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ED71
}
```

Border

The CSS property to change the border of an element to Hex 00ED71 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
#00ED71 }
```

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

```
.border{ border-color:#00ED71 }
```

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

Here you see how a box with a 4 pixel #00ED71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ED71; -webkit-box-shadow:4px 4px  
4px 4px #00ED71; box-shadow:4px 4px 4px  
4px #00ED71 }
```

Background

The CSS property to change the background color of an element to Hex 00ED71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ED71 }
```

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

```
.background{ background-color:#00ED71 }
```

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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