

# Converting Colors

Hex(00E371)

Have a look what the booklet for  
Hex(00E371) contains.

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**Color**

**Hex(00E371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E371
RGB	0, 227, 113
RGB Percent	0%, 89%, 44%
CMY	1.0000, 0.1098, 0.5569
CMYK	1.00, 0.00, 0.50, 0.11
HSL	150°, 100%, 45%
HSV	150°, 100%, 89%
XYZ	30.4497, 56.1304, 24.8522
YIQ	146.1310, -98.6980, -83.5780

# Conversions

## Conversions Part 2

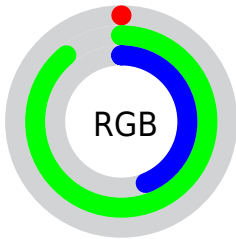
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 152, 227
Decimal	58225
CIELab	79.69, -70.32, 42.75
CIELCh	80, 82.299, 148.702
Yxy	56.1304, 0.2733, 0.5037
Android (android.graphics.Color)	4278248305 (0xFF00E371)
YUV	146.1310, -16.3336, -128.1569
Hunter-Lab	74.9202, -58.5629, 32.7768

# Details

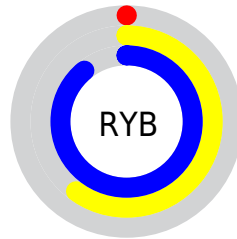
The Hex color **00E371** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E30072**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6CFFA7**, and **00AA3E** is the 20% darker color. If you saturate the color by 10%, you get **00E371**, and if you desaturate by 10%, it is **17E37C**.

# Distribution



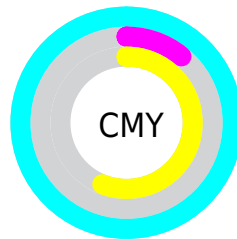
- Red (0%)
- Green (89%)
- Blue (44%)



- Red (0%)
- Yellow (60%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E371 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 00E371 by changing the saturation by 10% instead.



 00E371

 00E371

FFFFFF

 00C657

 6CFFA7

 00AA3E

 8EFFC2

 008E24

 AEFFDF

 007304

 CDFFFC

 005900

 EDFFFF

 004000

 002700

 000000

 00E371

 17E37C

 2DE388

 44E393

 5BE39F

 72E3AA

 88E3B5

 9FE3C1

 B6E3CC

 CCE3D8

# Harmonies

## Analogous

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



A2D629



00E371



00E9C0

# Triad

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



00E371



00D0FF



FF8381

# Complementary

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



00E371



E30072

# 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.



FF78CC



00E371



BDB3FF

# Square

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



00E371



00E1FF



FF8FFF



FFA23E

# Rectangle

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



00E371



00E9F5



FF8FFF



FF7B99

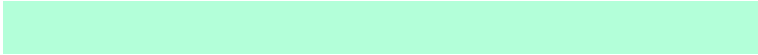


# Sweetspot

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



00E371



B3FFD9



75E300



528068



000000



808080



# Same Dimension

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



00E371



00FF7F



00E3DF



67736D



00B359



003319



# Inverse Universe

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



E30072



FF0080



E30004



73676D



B3005A

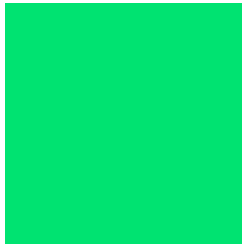


33001A



# Previews

## White Background



This preview shows how the Hex color 00E371 looks on a white background.

## Color Contrast Check

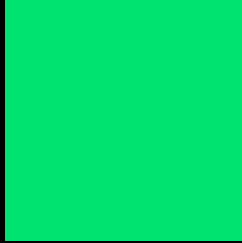
Large Text (above 18pt) WCAG AA × Fail

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 00E371 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 00E371 Background



This preview shows how black text looks on a background with the Hex color 00E371.

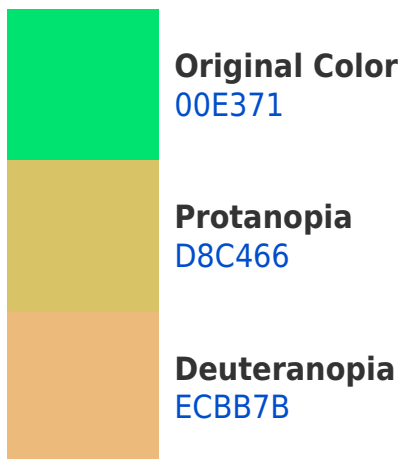


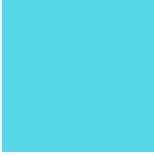
This preview shows how white text looks on a background with the Hex color 00E371.

# 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](#).

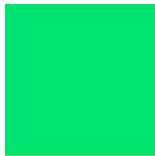
## Dichromacy





**Tritanopia**  
57D6E7

# Trichromacy



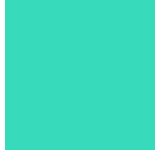
**Original Color**  
00E371



**Protanomaly**  
89CF6A



**Deuteranomaly**  
96CA77



**Tritanomaly**  
37DBBC

# Monochromacy



**Original Color**  
00E371



**Achromatopsia**  
929292



**Achromatomaly**  
5DAF86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E371 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 #00E371 looks like.

```
.text, #text, p{  
    color:#00E371  
}
```

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 #00E371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E371
}
```

## Border

The CSS property to change the border of an element to Hex 00E371 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
#00E371 }
```

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

```
.border{ border-color:#00E371 }
```

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

Here you see how a box with a 4 pixel #00E371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E371; -webkit-box-shadow:4px 4px  
4px 4px #00E371; box-shadow:4px 4px 4px  
4px #00E371 }
```

# Background

The CSS property to change the background color of an element to Hex 00E371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E371 }
```

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

```
.background{ background-color:#00E371 }
```

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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