

Converting Colors

Hex(00E65E)

Have a look what the booklet for
Hex(00E65E) contains.

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Color

Hex(00E65E)

Conversions

Conversions Part 1

Format	Color
Hex	00E65E
RGB	0, 230, 94
RGB Percent	0%, 90%, 37%
CMY	1.0000, 0.0980, 0.6314
CMYK	1.00, 0.00, 0.59, 0.10
HSL	145°, 100%, 45%
HSV	145°, 100%, 90%
XYZ	30.3172, 57.4018, 20.0714
YIQ	145.7260, -93.4240, -91.0560

Conversions

Conversions Part 2

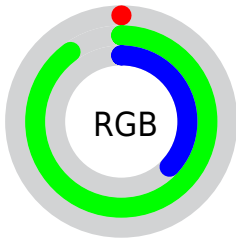
Format	Color
RYB	0, 163, 230
Decimal	58974
CIELab	80.41, -73.91, 52.39
CIELCh	80, 90.596, 144.669
Yxy	57.4018, 0.2813, 0.5325
Android (android.graphics.Color)	4278249054 (0xFF00E65E)
YUV	145.7260, -25.5009, -127.8017
Hunter-Lab	75.7640, -61.1596, 37.3276

Details

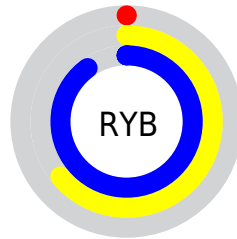
The Hex color **00E65E** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **E60088**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6EFF94**, and **00AD27** is the 20% darker color. If you saturate the color by 10%, you get **00E65E**, and if you desaturate by 10%, it is **17E66C**.

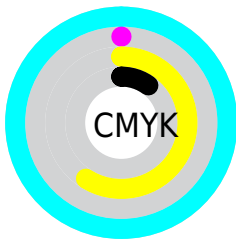
Distribution



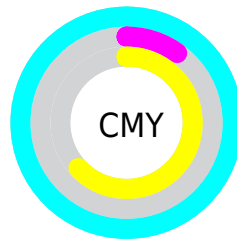
- Red (0%)
- Green (90%)
- Blue (37%)



- Red (0%)
- Yellow (64%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E65E 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 00E65E by changing the saturation by 10% instead.

 00E65E

 00E65E

FFFFFF

 00C943

 6EFF94

 00AD27

 8FFFB0

 009101

 B0FFCC

 007600

 D0FFE9

 005B00

 EFFFFFFF

 004200

 002900

 000300

 000000

 00E65E

 17E66C

 2EE679

 45E687

 5CE694

 73E6A2

 8AE6B0

 A1E6BD

 B8E6CB

 CFE6D8

Harmonies

Analogous

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



ABD700



00E65E



00EDB5

Triad

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



00E65E



00D6FF



FF7686

Complementary

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



00E65E



E60088

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.



FF6DDA



00E65E



A4B8FF

Square

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



00E65E



00E7FF



FF8EFF



FF9B38

Rectangle

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



00E65E



00EEF0



FF8EFF



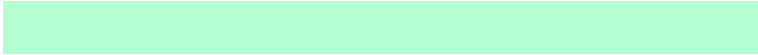
FF6EA2

Sweetspot

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



00E65E



B3FFD2



8AE600



528064



000000



808080

Same Dimension

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



00E65E



00FF68



00E6CF



67736C



00B349



003315

Inverse Universe

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



E60088



FF0097



E60017



73676E



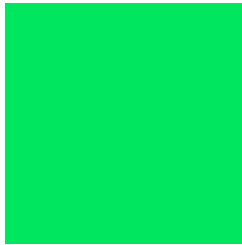
B3006A



33001E

Previews

White Background



This preview shows how the Hex color 00E65E looks on a white background.

Color Contrast Check

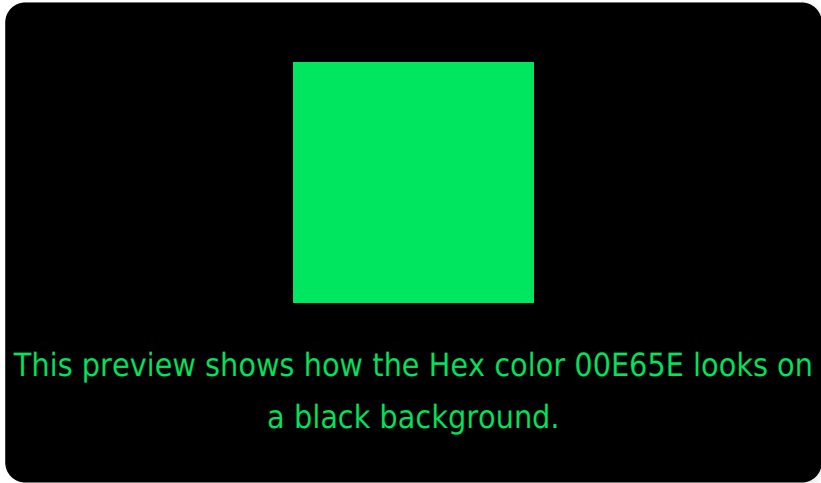
Large Text (above 18pt) WCAG AA × Fail

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 00E65E Background



This preview shows how black text looks on a background with the Hex color 00E65E.

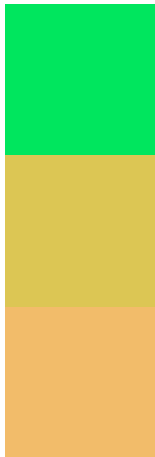


This preview shows how white text looks on a background with the Hex color 00E65E.

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](#).

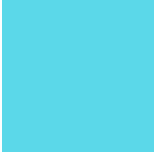
Dichromacy



Original Color
00E65E

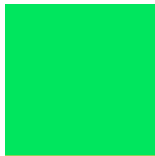
Protanopia
DCC654

Deuteranopia
F2BC6A



Tritanopia
5BD8E9

Trichromacy



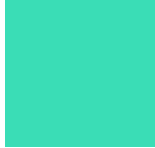
Original Color
00E65E



Protanomaly
8CD258



Deuteranomaly
9ACB66



Tritanomaly
3ADDB6

Monochromacy



Original Color
00E65E



Achromatopsia
929292



Achromatomaly
5DB17F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E65E 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 #00E65E looks like.

```
.text, #text, p{  
    color:#00E65E  
}
```

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 #00E65E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E65E
}
```

Border

The CSS property to change the border of an element to Hex 00E65E 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
#00E65E }
```

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

```
.border{ border-color:#00E65E }
```

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

Here you see how a box with a 4 pixel #00E65E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E65E; -webkit-box-shadow:4px 4px  
4px 4px #00E65E; box-shadow:4px 4px 4px  
4px #00E65E }
```

Background

The CSS property to change the background color of an element to Hex 00E65E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E65E }
```

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

```
.background{ background-color:#00E65E }
```

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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