

Converting Colors

Hex(00E45D)

Have a look what the booklet for
Hex(00E45D) contains.

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Color

Hex(00E45D)

Conversions

Conversions Part 1

Format	Color
Hex	00E45D
RGB	0, 228, 93
RGB Percent	0%, 89%, 36%
CMY	1.0000, 0.1059, 0.6353
CMYK	1.00, 0.00, 0.59, 0.11
HSL	144°, 100%, 45%
HSV	144°, 100%, 89%
XYZ	29.7192, 56.2771, 19.6521
YIQ	144.4380, -92.5530, -90.3210

Conversions

Conversions Part 2

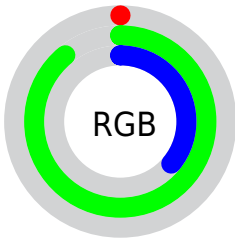
Format	Color
RYB	0, 162, 228
Decimal	58461
CIELab	79.77, -73.44, 52.10
CIELCh	80, 90.042, 144.649
Yxy	56.2771, 0.2813, 0.5327
Android (android.graphics.Color)	4278248541 (0xFF00E45D)
YUV	144.4380, -25.3589, -126.6721
Hunter-Lab	75.0181, -60.5670, 36.9807

Details

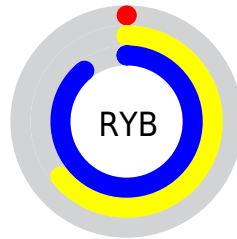
The Hex color **00E45D** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **E40087**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6DFF93**, and **00AB26** is the 20% darker color. If you saturate the color by 10%, you get **00E45D**, and if you desaturate by 10%, it is **17E46B**.

Distribution



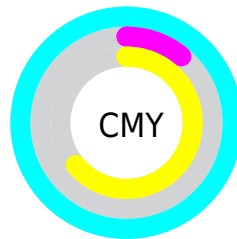
- Red (0%)
- Green (89%)
- Blue (36%)



- Red (0%)
- Yellow (64%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E45D 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 00E45D by changing the saturation by 10% instead.

 00E45D

 00E45D

FFFFFF

 00C742

 6DFF93

 00AB26

 8FFFAF

 008F00

 AFFFCB

 007400

 CFFFE8

 005A00

 EEEFFF

 004100

 002700

 000000

 00E45D

 17E46B

 2EE478

 44E486

 5BE493

 72E4A1

 89E4AE

 A0E4BC

 B6E4C9

 CDE4D7

Harmonies

Analogous

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



A9D600



00E45D



00EBB3

Triad

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



00E45D



00D4FF



FF7485

Complementary

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



00E45D



E40087

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.



FF6CD9



00E45D



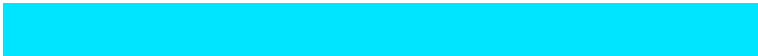
A2B6FF

Square

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



00E45D



00E5FF



FF8DFF



FF9937

Rectangle

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



00E45D



00ECEE



FF8DFF



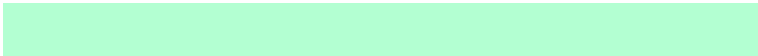
FF6DA0

Sweetspot

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



00E45D



B3FFD2



89E400



528064



000000



808080

Same Dimension

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



00E45D



00FF68



00E4CD



67736C



00B349



003315

Inverse Universe

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



E40087



FF0097



E40017



73676E



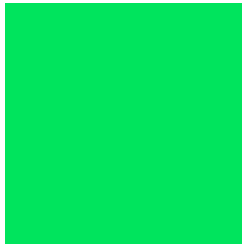
B3006A



33001E

Previews

White Background



This preview shows how the Hex color 00E45D 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 00E45D 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 00E45D Background



This preview shows how black text looks on a background with the Hex color 00E45D.

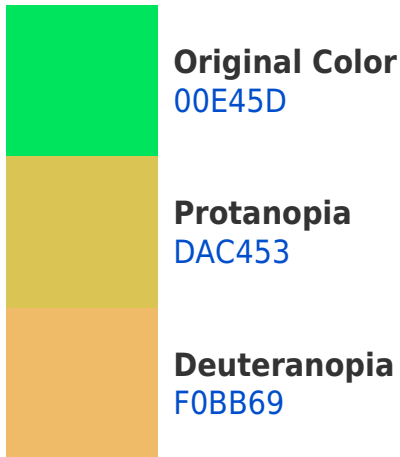


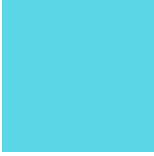
This preview shows how white text looks on a background with the Hex color 00E45D.

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](#).

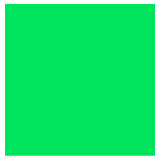
Dichromacy





Tritanopia
5AD6E7

Trichromacy



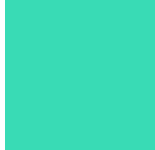
Original Color
00E45D



Protanomaly
8BD057



Deuteranomaly
99CA65



Tritanomaly
39DBB5

Monochromacy



Original Color
00E45D



Achromatopsia
909090



Achromatomaly
5CAF7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E45D 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 #00E45D looks like.

```
.text, #text, p{  
    color:#00E45D  
}
```

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 #00E45D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E45D
}
```

Border

The CSS property to change the border of an element to Hex 00E45D 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
#00E45D }
```

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

```
.border{ border-color:#00E45D }
```

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

Here you see how a box with a 4 pixel #00E45D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E45D; -webkit-box-shadow:4px 4px  
4px 4px #00E45D; box-shadow:4px 4px 4px  
4px #00E45D }
```

Background

The CSS property to change the background color of an element to Hex 00E45D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E45D }
```

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

```
.background{ background-color:#00E45D }
```

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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