

Converting Colors

Hex(00E05E)

Have a look what the booklet for
Hex(00E05E) contains.

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Color

Hex(00E05E)

Conversions

Conversions Part 1

Format	Color
Hex	00E05E
RGB	0, 224, 94
RGB Percent	0%, 88%, 37%
CMY	1.0000, 0.1216, 0.6314
CMYK	1.00, 0.00, 0.58, 0.12
HSL	145°, 100%, 44%
HSV	145°, 100%, 88%
XYZ	28.6760, 54.1195, 19.5244
YIQ	142.2040, -91.7740, -87.9180

Conversions

Conversions Part 2

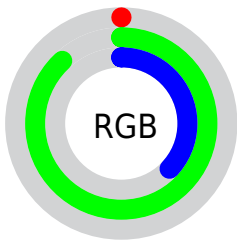
Format	Color
RYB	0, 158, 224
Decimal	57438
CIELab	78.53, -72.11, 50.20
CIELCh	79, 87.868, 145.155
Yxy	54.1195, 0.2803, 0.5289
Android (android.graphics.Color)	4278247518 (0xFF00E05E)
YUV	142.2040, -23.7646, -124.7129
Hunter-Lab	73.5659, -59.1610, 35.7606

Details

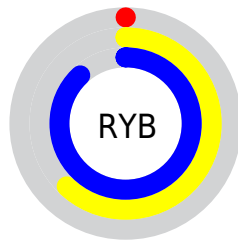
The Hex color **00E05E** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E00082**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6CFF94**, and **00A728** is the 20% darker color. If you saturate the color by 10%, you get **00E05E**, and if you desaturate by 10%, it is **16E06B**.

Distribution



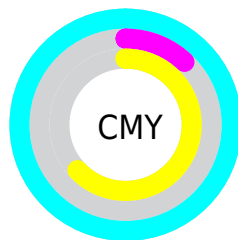
- Red (0%)
- Green (88%)
- Blue (37%)



- Red (0%)
- Yellow (62%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E05E 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 00E05E by changing the saturation by 10% instead.

 00E05E

 00E05E

FFFFFF

 00C344

 6CFF94

 00A728

 8DFFAF

 008B04

 ADFFCC

 007000

 CDFFE8

 005600

 EDFFFF

 003E00

 002400

 000000

 00E05E

 16E06B

 2DE078

 43E085

 5AE092

 70E09F

 86E0AC

 9DE0B9

 B3E0C6

 CAE0D3

Harmonies

Analogous

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



A5D200



00E05E



00E7B2

Triad

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



00E05E



00D0FF



FF7482

Complementary

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



00E05E



E00082

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.



FF6CD3



00E05E



A3B2FF

Square

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



00E05E



00E1FF



FF8BFF



FF9837

Rectangle

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



00E05E



00E8EB



FF8BFF



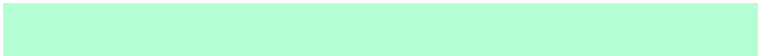
FF6D9D

Sweetspot

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



00E05E



B3FFD3



83E000



528065



000000



808080

Same Dimension

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



00E05E



00FF6B



00E0CD



65706A



00B04A



003014

Inverse Universe

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



E00082



FF0094



E00013



70656B



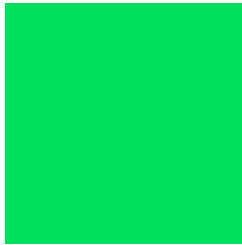
B00066



30001C

Previews

White Background



This preview shows how the Hex color 00E05E looks on a white background.

Color Contrast Check

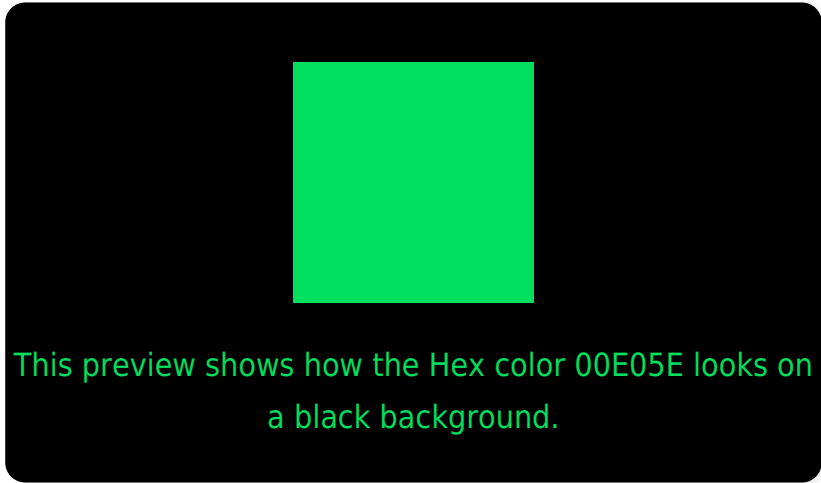
Large Text (above 18pt) WCAG AA × Fail

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 00E05E Background



This preview shows how black text looks on a background with the Hex color 00E05E.

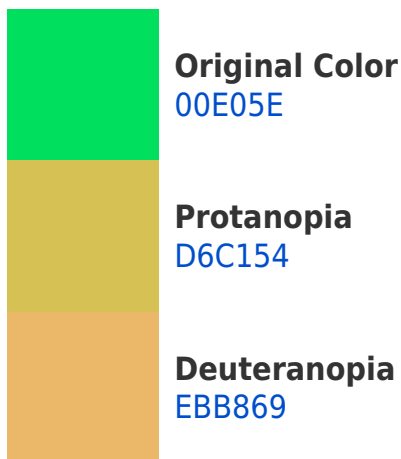


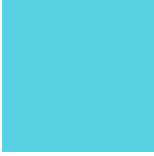
This preview shows how white text looks on a background with the Hex color 00E05E.

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](#).

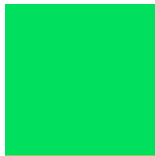
Dichromacy





Tritanopia
58D2E3

Trichromacy



Original Color

00E05E



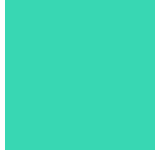
Protanomaly

88CC58



Deuteranomaly

96C765



Tritanomaly

38D7B3

Monochromacy



Original Color

00E05E



Achromatopsia

8E8E8E



Achromatomaly

5AAC7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E05E 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 #00E05E looks like.

```
.text, #text, p{  
    color:#00E05E  
}
```

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 #00E05E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E05E
}
```

Border

The CSS property to change the border of an element to Hex 00E05E 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
#00E05E }
```

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

```
.border{ border-color:#00E05E }
```

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

Here you see how a box with a 4 pixel #00E05E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E05E; -webkit-box-shadow:4px 4px  
4px 4px #00E05E; box-shadow:4px 4px 4px  
4px #00E05E }
```

Background

The CSS property to change the background color of an element to Hex 00E05E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E05E }
```

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

```
.background{ background-color:#00E05E }
```

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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