

Converting Colors

Hex(01E33D)

Have a look what the booklet for
Hex(01E33D) contains.

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Color

Hex(01E33D)

Conversions

Conversions Part 1

Format	Color
Hex	01E33D
RGB	1, 227, 61
RGB Percent	0%, 89%, 24%
CMY	0.9961, 0.1098, 0.7608
CMYK	1.00, 0.00, 0.73, 0.11
HSL	136°, 99%, 45%
HSV	136°, 100%, 89%
XYZ	28.3239, 55.2815, 13.5925
YIQ	140.5020, -81.4100, -99.5380

Conversions

Conversions Part 2

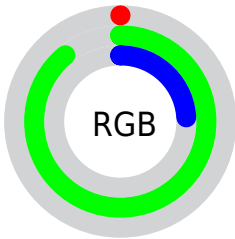
Format	Color
RYB	1, 180, 227
Decimal	123709
CIELab	79.20, -76.39, 64.19
CIELCh	79, 99.775, 139.960
Yxy	55.2815, 0.2914, 0.5688
Android (android.graphics.Color)	4278313789 (0xFF01E33D)
YUV	140.5020, -39.1945, -122.3433
Hunter-Lab	74.3516, -62.1164, 41.2071

Details

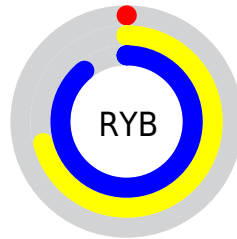
The Hex color **01E33D** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E301A7**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6EFF76**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **00E33C**, and if you desaturate by 10%, it is **18E34E**.

Distribution



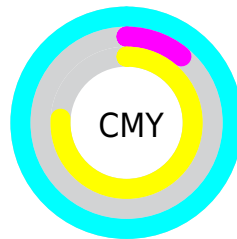
- Red (0%)
- Green (89%)
- Blue (24%)



- Red (0%)
- Yellow (71%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01E33D 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 01E33D by changing the saturation by 10% instead.

 01E33D

 01E33D

FFFFFF

 00C61B

 6EFF76

 00AA00

 90FF92

 008E00

 B1FFAE

 007300

 D1FFCB

 005900

 F0FFE8

 004000

 002600

 000000

 01E33D

 01E33D

 00E33C

 18E34E

 2EE35E

 45E36F

 5CE380

 73E390

 89E3A1

 A0E3B2

 B7E3C2

 CDE3D3

Harmonies

Analogous

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



B1D200



01E33D



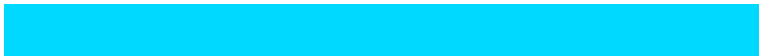
00EBA1

Triad

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



01E33D



00D9FF



FF5B8B

Complementary

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



01E33D



E301A7

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.



FF5AE8



01E33D



6CB9FF

Square

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



01E33D



00E8FF



FF8AFF



FF8A30

Rectangle

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



01E33D



00EDE2



FF8AFF



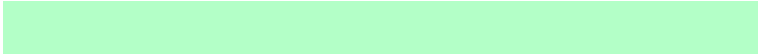
FF53A9

Sweetspot

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



01E33D



B3FFC7



ABE301



52805E



000000



808080

Same Dimension

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



01E33D



00FF44



01E3AB



67736A



00B32F



00330E

Inverse Universe

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



E301A7



FF00BB



E3013A



736770



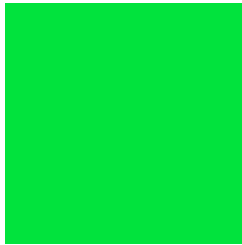
B30083



330025

Previews

White Background



This preview shows how the Hex color 01E33D 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 01E33D 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

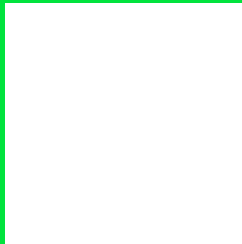
Any Text WCAG AAA ✓ Pass

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

Hex 01E33D Background



This preview shows how black text looks on a background with the Hex color 01E33D.

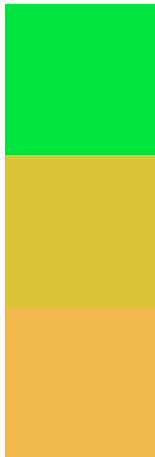


This preview shows how white text looks on a background with the Hex color 01E33D.

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](#).

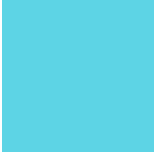
Dichromacy



Original Color
01E33D

Protanopia
DAC335

Deuteranopia
F2B94D



Tritanopia
5DD4E5

Trichromacy



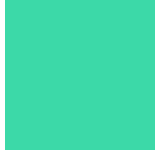
Original Color
01E33D



Protanomaly
8BCF38



Deuteranomaly
9AC847



Tritanomaly
3CD9A8

Monochromacy



Original Color
01E33D



Achromatopsia
8D8D8D



Achromatomaly
5AAC70

CSS Examples

Text

The CSS property to change the color of the text to Hex 01E33D 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 #01E33D looks like.

```
.text, #text, p{  
    color:#01E33D  
}
```

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 #01E33D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01E33D
}
```

Border

The CSS property to change the border of an element to Hex 01E33D 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
#01E33D }
```

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

```
.border{ border-color:#01E33D }
```

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

Here you see how a box with a 4 pixel #01E33D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01E33D; -webkit-box-shadow:4px 4px  
4px 4px #01E33D; box-shadow:4px 4px 4px  
4px #01E33D }
```

Background

The CSS property to change the background color of an element to Hex 01E33D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01E33D }
```

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

```
.background{ background-color:#01E33D }
```

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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