

Converting Colors

Hex(00EB37)

Have a look what the booklet for
Hex(00EB37) contains.

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Color

Hex(00EB37)

Conversions

Conversions Part 1

Format	Color
Hex	00EB37
RGB	0, 235, 55
RGB Percent	0%, 92%, 22%
CMY	1.0000, 0.0784, 0.7843
CMYK	1.00, 0.00, 0.77, 0.08
HSL	134°, 100%, 46%
HSV	134°, 100%, 92%
XYZ	30.3979, 59.6925, 13.5341
YIQ	144.2150, -82.2800, -105.8000

Conversions

Conversions Part 2

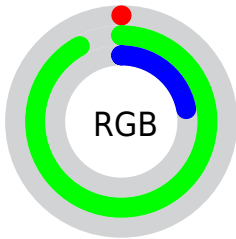
Format	Color
RYB	0, 190, 235
Decimal	60215
CIELab	81.67, -79.06, 68.59
CIELCh	82, 104.666, 139.059
Yxy	59.6925, 0.2933, 0.5760
Android (android.graphics.Color)	4278250295 (0xFF00EB37)
YUV	144.2150, -43.9830, -126.4766
Hunter-Lab	77.2609, -64.9767, 43.6966

Details

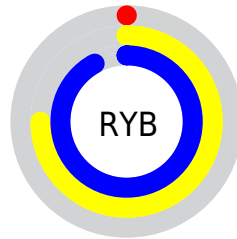
The Hex color **00EB37** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EB00B4**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **71FF72**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **00EB37**, and if you desaturate by 10%, it is **17EB49**.

Distribution



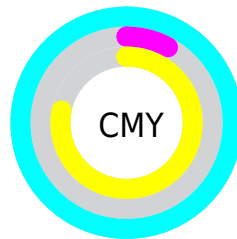
- Red (0%)
- Green (92%)
- Blue (22%)



- Red (0%)
- Yellow (75%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EB37 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 00EB37 by changing the saturation by 10% instead.

 00EB37

 00EB37

FFFFFF

 00CE0E

 71FF72

 00B100

 93FF8F

 009500

 B4FFAB

 007A00

 D4FFC8

 005F00

 F4FFE6

 004600

 002C00

 000B00

 000000

 00EB37

 17EB49

 2FEB5B

 47EB6D

 5EEB7F

 76EB91

 8DEBA3

 A4EBB5

 BCEBC7

 D3EBD9

Harmonies

Analogous

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



B9D900



00EB37



00F4A2

Triad

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



00EB37



00E2FF



FF5892

Complementary

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



00EB37



EB00B4

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.



FF59F3



00EB37



5DC1FF

Square

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



00EB37



00F1FF



FF8FFF



FF8B31

Rectangle

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



00EB37



00F6E7



FF8FFF



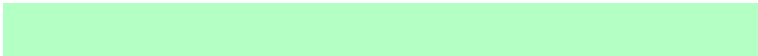
FF4FB2

Sweetspot

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



00EB37



B3FFC4



B4EB00



52805C



000000



808080

Same Dimension

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



00EB37



00FF3C



00EBAC



6A756C



00B52A



00360D

Inverse Universe

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



EB00B4



FF00C3



EB003F



756A73



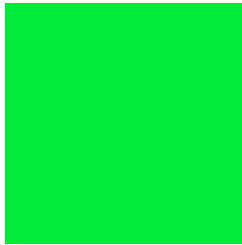
B5008B



360029

Previews

White Background



This preview shows how the Hex color 00EB37 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 00EB37 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 00EB37 Background



This preview shows how black text looks on a background with the Hex color 00EB37.

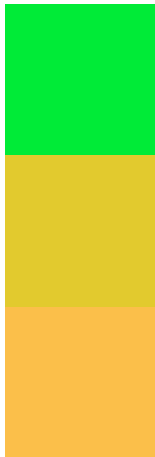


This preview shows how white text looks on a background with the Hex color 00EB37.

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](#).

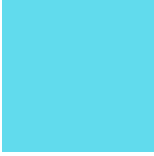
Dichromacy



Original Color
00EB37

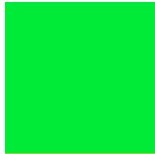
Protanopia
E2CA2E

Deuteranopia
FBBF4A



Tritanopia
61DBED

Trichromacy



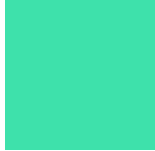
Original Color
00EB37



Protanomaly
90D631

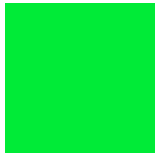


Deuteranomaly
A0CF43



Tritanomaly
3EE1AB

Monochromacy



Original Color
00EB37



Achromatopsia
909090



Achromatomaly
5CB170

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EB37 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 #00EB37 looks like.

```
.text, #text, p{  
    color:#00EB37  
}
```

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 #00EB37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EB37
}
```

Border

The CSS property to change the border of an element to Hex 00EB37 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
#00EB37 }
```

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

```
.border{ border-color:#00EB37 }
```

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

Here you see how a box with a 4 pixel #00EB37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EB37; -webkit-box-shadow:4px 4px  
4px 4px #00EB37; box-shadow:4px 4px 4px  
4px #00EB37 }
```

Background

The CSS property to change the background color of an element to Hex 00EB37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EB37 }
```

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

```
.background{ background-color:#00EB37 }
```

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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