

Converting Colors

Hex(00EB5F)

Have a look what the booklet for
Hex(00EB5F) contains.

Hex(00EB5F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00EB5F)

Conversions

Conversions Part 1

Format	Color
Hex	00EB5F
RGB	0, 235, 95
RGB Percent	0%, 92%, 37%
CMY	1.0000, 0.0784, 0.6275
CMYK	1.00, 0.00, 0.60, 0.08
HSL	144°, 100%, 46%
HSV	144°, 100%, 92%
XYZ	31.7739, 60.2429, 20.7799
YIQ	148.7750, -95.1200, -93.3600

Conversions

Conversions Part 2

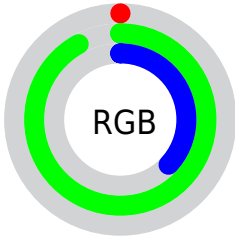
Format	Color
RYB	0, 167, 235
Decimal	60255
CIELab	81.97, -75.27, 53.77
CIELCh	82, 92.501, 144.462
Yxy	60.2429, 0.2817, 0.5341
Android (android.graphics.Color)	4278250335 (0xFF00EB5F)
YUV	148.7750, -26.5111, -130.4757
Hunter-Lab	77.6163, -62.7557, 38.4580

Details

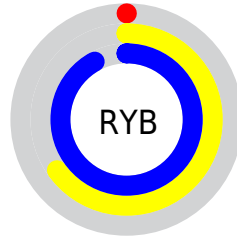
The Hex color **00EB5F** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **EB008C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6FFF95**, and **00B128** is the 20% darker color. If you saturate the color by 10%, you get **00EB5F**, and if you desaturate by 10%, it is **17EB6D**.

Distribution



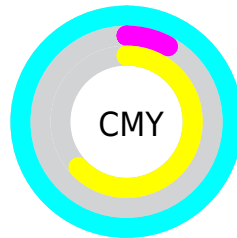
- Red (0%)
- Green (92%)
- Blue (37%)



- Red (0%)
- Yellow (65%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EB5F 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 00EB5F by changing the saturation by 10% instead.

 00EB5F

FFFFFF

 6FFF95

 91FFB1

 B2FFCE

 D2FFEA

 F1FFFF

 00EB5F

 00CE44

 00B128

 009600

 007A00

 006000

 004600

 002D00

 000D00

 000000

 00EB5F

 17EB6D

 2FEB7B

 47EB89

 5EEB97

 76EBA5

 8DEBB3

 A4EBC1

 BCEBCF

 D3EBDD

Harmonies

Analogous

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



AFDC00



00EB5F



00F2B8

Triad

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



00EB5F



00DBFF



FF778A

Complementary

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



00EB5F



EB008C

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.



FF6FE0



00EB5F



A6BCFF

Square

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



00EB5F



00EDFF



FF91FF



FF9E39

Rectangle

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



00EB5F



00F3F5



FF91FF



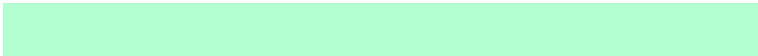
FF6FA6

Sweetspot

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



00EB5F



B3FFD1



8DEB00



528064



000000



808080

Same Dimension

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



00EB5F



00FF67



00EBD3



6A756E



00B549



003616

Inverse Universe

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



EB008C



FF0098



EB0018



756A71



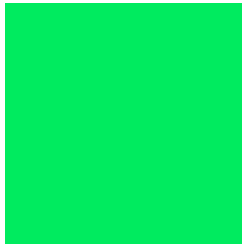
B5006C



360020

Previews

White Background



This preview shows how the Hex color 00EB5F looks on a white background.

Color Contrast Check

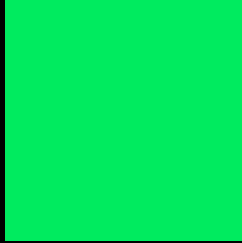
Large Text (above 18pt) WCAG AA × Fail

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 00EB5F 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 00EB5F Background



This preview shows how black text looks on a background with the Hex color 00EB5F.

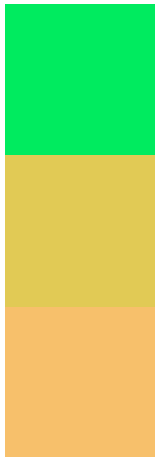


This preview shows how white text looks on a background with the Hex color 00EB5F.

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](#).

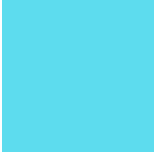
Dichromacy



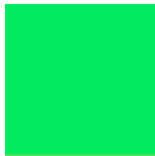
Original Color
00EB5F

Protanopia
E1CA55

Deuteranopia
F7C06B



Trichromacy



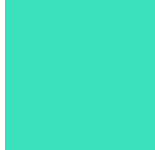
Original Color
00EB5F



Protanomaly
8FD659



Deuteranomaly
9DD067



Tritanomaly
3BE1BA

Monochromacy



Original Color
00EB5F



Achromatopsia
959595



Achromatomaly
5FB481

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EB5F 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 #00EB5F looks like.

```
.text, #text, p{  
  color:#00EB5F  
}
```

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 #00EB5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EB5F
}
```

Border

The CSS property to change the border of an element to Hex 00EB5F 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
#00EB5F }
```

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

```
.border{ border-color:#00EB5F }
```

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

Here you see how a box with a 4 pixel #00EB5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EB5F; -webkit-box-shadow:4px 4px  
4px 4px #00EB5F; box-shadow:4px 4px 4px  
4px #00EB5F }
```

Background

The CSS property to change the background color of an element to Hex 00EB5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EB5F }
```

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

```
.background{ background-color:#00EB5F }
```

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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