

Converting Colors

Hex(00EB79)

Have a look what the booklet for
Hex(00EB79) contains.

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Color

Hex(00EB79)

Conversions

Conversions Part 1

Format	Color
Hex	00EB79
RGB	0, 235, 121
RGB Percent	0%, 92%, 47%
CMY	1.0000, 0.0784, 0.5255
CMYK	1.00, 0.00, 0.49, 0.08
HSL	151°, 100%, 46%
HSV	151°, 100%, 92%
XYZ	33.1595, 60.7971, 28.0765
YIQ	151.7390, -103.4660, -85.2740

Conversions

Conversions Part 2

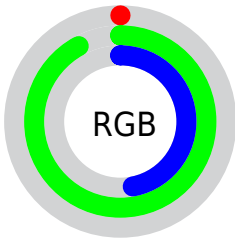
Format	Color
RYB	0, 155, 235
Decimal	60281
CIELab	82.27, -71.59, 42.13
CIELCh	82, 83.066, 149.522
Yxy	60.7971, 0.2717, 0.4982
Android (android.graphics.Color)	4278250361 (0xFF00EB79)
YUV	151.7390, -15.1543, -133.0751
Hunter-Lab	77.9725, -60.5409, 33.2315

Details

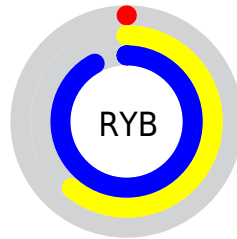
The Hex color **00EB79** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EB0072**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6EFFAF**, and **00B145** is the 20% darker color. If you saturate the color by 10%, you get **00EB79**, and if you desaturate by 10%, it is **17EB84**.

Distribution



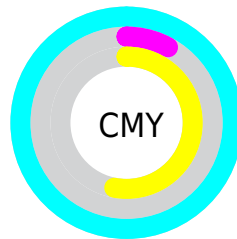
- Red (0%)
- Green (92%)
- Blue (47%)



- Red (0%)
- Yellow (61%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EB79 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 00EB79 by changing the saturation by 10% instead.

 00EB79

FFFFFF

 6EFFAF

 90FFCB

 B1FFE8

 D0FFFF

 F0FFFF

 00EB79

 00CE5F

 00B145

 00962C

 007A10

 006000

 004600

 002E00

 000F00

 000000

 00EB79

 17EB84

 2FEB90

 47EB9B

 5EEBA7

 76EBB2

 8DEBBD

 A4EBC9

 BCEBD4

 D3EBE0

Harmonies

Analogous

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



A6DE32



00EB79



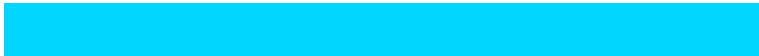
00F1C9

Triad

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



00EB79



00D6FF



FF8A85

Complementary

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



00EB79



EB0072

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.



FF7ED1



00EB79



C8B8FF

Square

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



00EB79



00E8FF



FF95FF



FFAA41

Rectangle

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



00EB79



00F1FF



FF95FF



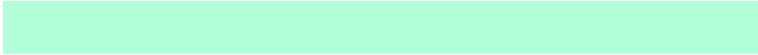
FF839D

Sweetspot

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



00EB79



B3FFDA



76EB00



528069



000000



808080

Same Dimension

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



00EB79



00FF83



00EBEB



6A7570



00B55D



00361C

Inverse Universe

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



EB0072



FF007C



EB0000



756A6F



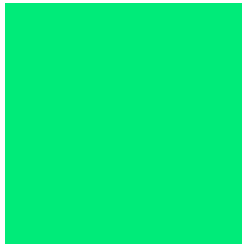
B50058



36001A

Previews

White Background



This preview shows how the Hex color 00EB79 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 00EB79 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 00EB79 Background



This preview shows how black text looks on a background with the Hex color 00EB79.

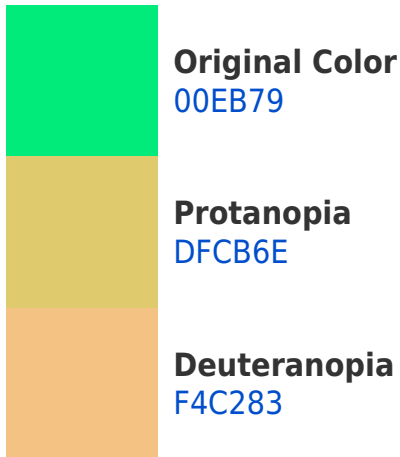


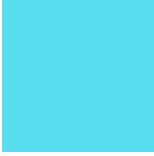
This preview shows how white text looks on a background with the Hex color 00EB79.

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](#).

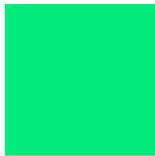
Dichromacy





Tritanopia
59DEF0

Trichromacy



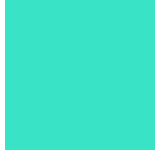
Original Color
00EB79



Protanomaly
8ED772



Deuteranomaly
9BD17F



Tritanomaly
39E3C5

Monochromacy



Original Color
00EB79



Achromatopsia
989898



Achromatomaly
61B68D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EB79 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 #00EB79 looks like.

```
.text, #text, p{  
    color:#00EB79  
}
```

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 #00EB79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EB79
}
```

Border

The CSS property to change the border of an element to Hex 00EB79 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
#00EB79 }
```

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

```
.border{ border-color:#00EB79 }
```

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

Here you see how a box with a 4 pixel #00EB79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EB79; -webkit-box-shadow:4px 4px  
4px 4px #00EB79; box-shadow:4px 4px 4px  
4px #00EB79 }
```

Background

The CSS property to change the background color of an element to Hex 00EB79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EB79 }
```

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

```
.background{ background-color:#00EB79 }
```

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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