

Converting Colors

Hex(00EB2F)

Have a look what the booklet for
Hex(00EB2F) contains.

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Color

Hex(00EB2F)

Conversions

Conversions Part 1

Format	Color
Hex	00EB2F
RGB	0, 235, 47
RGB Percent	0%, 92%, 18%
CMY	1.0000, 0.0784, 0.8157
CMYK	1.00, 0.00, 0.80, 0.08
HSL	132°, 100%, 46%
HSV	132°, 100%, 92%
XYZ	30.2214, 59.6219, 12.6047
YIQ	143.3030, -79.7120, -108.2880

Conversions

Conversions Part 2

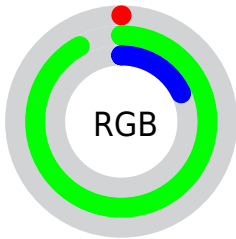
Format	Color
RYB	0, 196, 235
Decimal	60207
CIELab	81.63, -79.56, 70.86
CIELCh	82, 106.540, 138.311
Yxy	59.6219, 0.2950, 0.5820
Android (android.graphics.Color)	4278250287 (0xFF00EB2F)
YUV	143.3030, -47.4774, -125.6767
Hunter-Lab	77.2152, -65.2632, 44.3721

Details

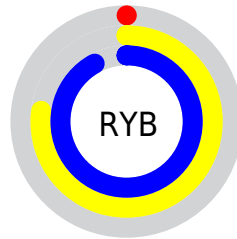
The Hex color **00EB2F** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EB00BC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **71FF6C**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **00EB2F**, and if you desaturate by 10%, it is **17EB42**.

Distribution



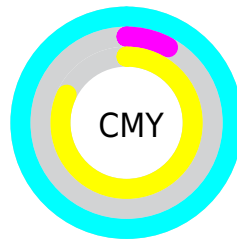
- Red (0%)
- Green (92%)
- Blue (18%)



- Red (0%)
- Yellow (77%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EB2F 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 00EB2F by changing the saturation by 10% instead.

 00EB2F

 00EB2F


FFFFFF

 00CE00

 71FF6C

 00B100

 94FF89

 009500

 B5FFA6

 007A00

 D5FFC3

 005F00

 F5FFE0

 004600

FFFFFFE

 002C00

 000B00

 000000

 00EB2F

 17EB42

 2FEB55

 47EB67

 5EEB7A

 76EB8D

 8DEBA0

 A4EBB3

 BCEBC5

 D3EBD8

Harmonies

Analogous

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



BBD900



00EB2F



00F49F

Triad

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



00EB2F



00E2FF



FF5293

Complementary

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



00B2F0



F0A000

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.



FF55F6



00EB2F



49C2FF

Square

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



00EB2F



00F2FF



FF8FFF



FF8830

Rectangle

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



00EB2F



00F6E5



FF8FFF



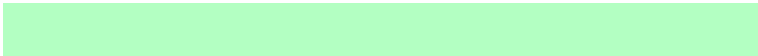
FF48B4

Sweetspot

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



00EB2F



B3FFC2



BCEB00



52805B



000000



808080

Same Dimension

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



00EB2F



00FF33



00EBA5



6A756C



00B524



00360B

Inverse Universe

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



EB00BC



FF00CC



EB0047



756A73



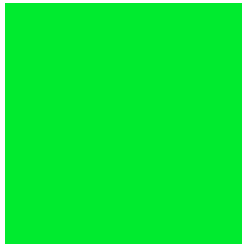
B50091



36002B

Previews

White Background



This preview shows how the Hex color 00EB2F looks on a white background.

Color Contrast Check

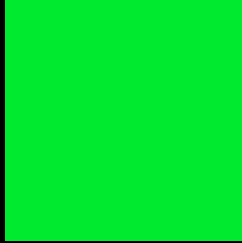
Large Text (above 18pt) WCAG AA × Fail

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 00EB2F 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

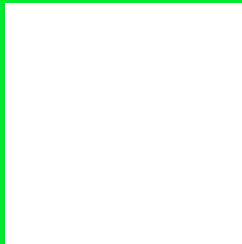
Any Text WCAG AAA ✓ Pass

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

Hex 00EB2F Background



This preview shows how black text looks on a background with the Hex color 00EB2F.

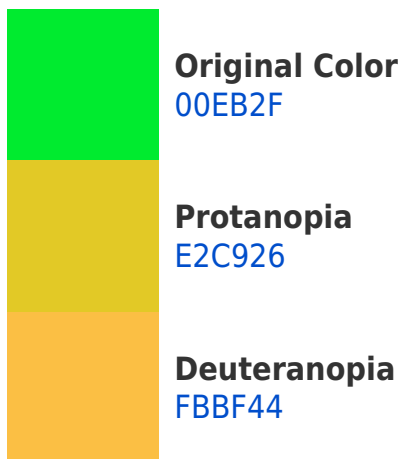


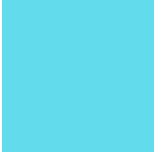
This preview shows how white text looks on a background with the Hex color 00EB2F.

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](#).

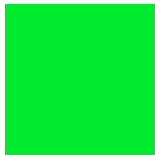
Dichromacy





Tritanopia
62DBED

Trichromacy



Original Color
00EB2F



Protanomaly
90D529



Deuteranomaly
A0CF3C



Tritanomaly
3EE1A8

Monochromacy



Original Color
00EB2F



Achromatopsia
8F8F8F



Achromatomaly
5BB06C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EB2F 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 #00EB2F looks like.

```
.text, #text, p{  
    color:#00EB2F  
}
```

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 #00EB2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EB2F
}
```

Border

The CSS property to change the border of an element to Hex 00EB2F 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
#00EB2F }
```

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

```
.border{ border-color:#00EB2F }
```

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

Here you see how a box with a 4 pixel #00EB2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EB2F; -webkit-box-shadow:4px 4px  
4px 4px #00EB2F; box-shadow:4px 4px 4px  
4px #00EB2F }
```

Background

The CSS property to change the background color of an element to Hex 00EB2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EB2F }
```

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

```
.background{ background-color:#00EB2F }
```

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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