

Converting Colors

Hex(00ED2F)

Have a look what the booklet for
Hex(00ED2F) contains.

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Color

Hex(00ED2F)

Conversions

Conversions Part 1

Format	Color
Hex	00ED2F
RGB	0, 237, 47
RGB Percent	0%, 93%, 18%
CMY	1.0000, 0.0706, 0.8157
CMYK	1.00, 0.00, 0.80, 0.07
HSL	132°, 100%, 46%
HSV	132°, 100%, 93%
XYZ	30.7973, 60.7736, 12.7966
YIQ	144.4770, -80.2620, -109.3340

Conversions

Conversions Part 2

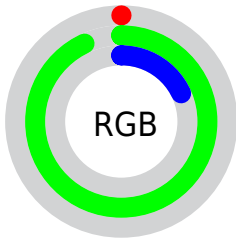
Format	Color
RYB	0, 198, 237
Decimal	60719
CIELab	82.26, -80.10, 71.44
CIELCh	82, 107.331, 138.269
Yxy	60.7736, 0.2951, 0.5823
Android (android.graphics.Color)	4278250799 (0xFF00ED2F)
YUV	144.4770, -48.0562, -126.7063
Hunter-Lab	77.9574, -65.9086, 44.8378

Details

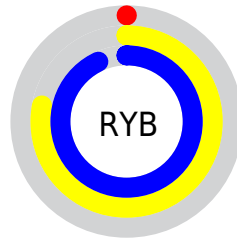
The Hex color **00ED2F** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **ED00BE**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **72FF6D**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **00ED2F**, and if you desaturate by 10%, it is **18ED42**.

Distribution



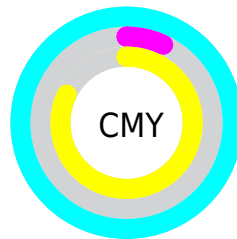
- Red (0%)
- Green (93%)
- Blue (18%)



- Red (0%)
- Yellow (78%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ED2F 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 00ED2F by changing the saturation by 10% instead.

 00ED2F

 00ED2F

FFFFFF

 00D000

 72FF6D

 00B300

 94FF89

 009700

 B5FFA6

 007C00

 D6FFC3

 006100

 F6FFE1

 004700

FFFFFFE

 002E00

 000F00

 000000

 00ED2F

 18ED42

 2FED55

 47ED68

 5FED7B

 76ED8E

 8EEDA1

 A6EDB4

 BEEDC7

 D5EDDA

Harmonies

Analogous

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



BCDB00



00ED2F



00F6A0

Triad

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



00ED2F



00E4FF



FF5294

Complementary

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



00ED2F



ED00BE

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.



FF55F9



00ED2F



48C4FF

Square

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



00ED2F



00F4FF



FF90FF



FF8930

Rectangle

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



00ED2F



00F8E7



FF90FF



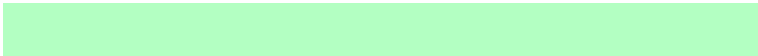
FF48B5

Sweetspot

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



00ED2F



B3FFC2



C2ED00



52805B



000000



808080

Same Dimension

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



00ED2F



00FF33



00EDA2



6A756C



00B524



00360B

Inverse Universe

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



ED00BE



FF00CC



ED004B



756A73



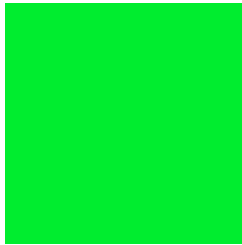
B50091



36002B

Previews

White Background



This preview shows how the Hex color 00ED2F 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 00ED2F 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

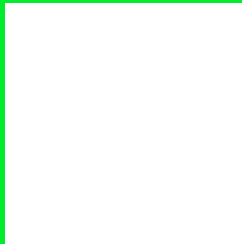
Any Text WCAG AAA ✓ Pass

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

Hex 00ED2F Background



This preview shows how black text looks on a background with the Hex color 00ED2F.

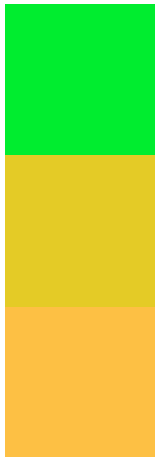


This preview shows how white text looks on a background with the Hex color 00ED2F.

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](#).

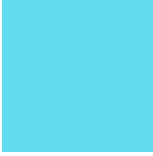
Dichromacy



Original Color
00ED2F

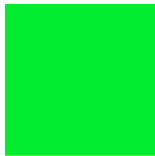
Protanopia
E4CB26

Deuteranopia
FDC044



Tritanopia
62DDEF

Trichromacy



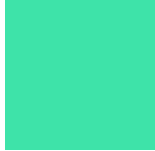
Original Color
00ED2F



Protanomaly
91D729

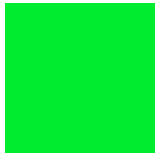


Deuteranomaly
A1D03C



Tritanomaly
3EE3A9

Monochromacy



Original Color
00ED2F



Achromatopsia
909090



Achromatomaly
5CB26D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ED2F 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 #00ED2F looks like.

```
.text, #text, p{  
    color:#00ED2F  
}
```

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 #00ED2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ED2F
}
```

Border

The CSS property to change the border of an element to Hex 00ED2F 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".

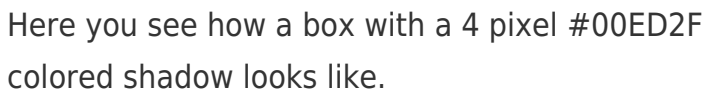
```
.border, #border, table{ border:4px solid
#00ED2F }
```

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

```
.border{ border-color:#00ED2F }
```

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

Here you see how a box with a 4 pixel #00ED2F colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ED2F; -webkit-box-shadow:4px 4px  
4px 4px #00ED2F; box-shadow:4px 4px 4px  
4px #00ED2F }
```

Background

The CSS property to change the background color of an element to Hex 00ED2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ED2F }
```

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

```
.background{ background-color:#00ED2F }
```

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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