

Converting Colors

Hex(00ED5F)

Have a look what the booklet for
Hex(00ED5F) contains.

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Color

Hex(00ED5F)

Conversions

Conversions Part 1

Format	Color
Hex	00ED5F
RGB	0, 237, 95
RGB Percent	0%, 93%, 37%
CMY	1.0000, 0.0706, 0.6275
CMYK	1.00, 0.00, 0.60, 0.07
HSL	144°, 100%, 46%
HSV	144°, 100%, 93%
XYZ	32.3497, 61.3946, 20.9718
YIQ	149.9490, -95.6700, -94.4060

Conversions

Conversions Part 2

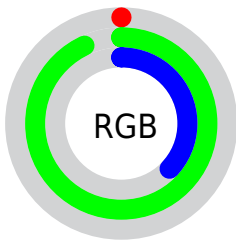
Format	Color
RYB	0, 169, 237
Decimal	60767
CIELab	82.59, -75.86, 54.48
CIELCh	83, 93.397, 144.315
Yxy	61.3946, 0.2820, 0.5352
Android (android.graphics.Color)	4278250847 (0xFF00ED5F)
YUV	149.9490, -27.0899, -131.5053
Hunter-Lab	78.3547, -63.4247, 38.9792

Details

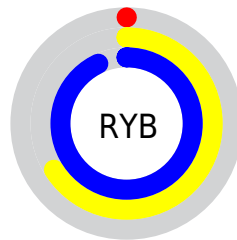
The Hex color **00ED5F** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **ED008E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **70FF95**, and **00B328** is the 20% darker color. If you saturate the color by 10%, you get **00ED5F**, and if you desaturate by 10%, it is **18ED6D**.

Distribution



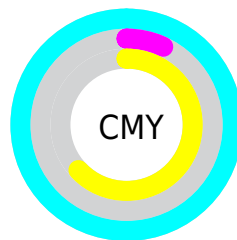
- Red (0%)
- Green (93%)
- Blue (37%)



- Red (0%)
- Yellow (66%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Hex color 00ED5F 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 00ED5F by changing the saturation by 10% instead.

 00ED5F

FFFFFF

 70FF95

 92FFB1

 B2FFCE

 D2FFEB

 F2FFFF

 00ED5F

 00D044

 00B328

 009700

 007C00

 006100

 004800

 002F00

 001000

 000000

 00ED5F

 18ED6D

 2FED7B

 47ED8A

 5FED98

 76EDA6

 8EEDB4

 A6EDC2

 BEEDD1

 D5EDDF

Harmonies

Analogous

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



B1DE00



00ED5F



00F4B9

Triad

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



00ED5F



00DDFF



FF788B

Complementary

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



00ED5F



ED008E

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.



FF70E2



00ED5F



A6BEFF

Square

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



00ED5F



00EFFF



FF93FF



FF9F39

Rectangle

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



00ED5F



00F5F7



FF93FF



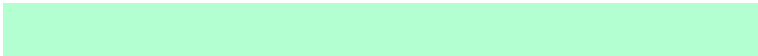
FF70A7

Sweetspot

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



00ED5F



B3FFD1



8EED00



528064



000000



808080

Same Dimension

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



00ED5F



00FF66



00EDD5



6A756E



00B549



003615

Inverse Universe

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



ED008E



FF0099



ED0018



756A71



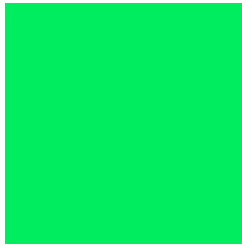
B5006C



360020

Previews

White Background



This preview shows how the Hex color 00ED5F 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 00ED5F 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 00ED5F Background



This preview shows how black text looks on a background with the Hex color 00ED5F.

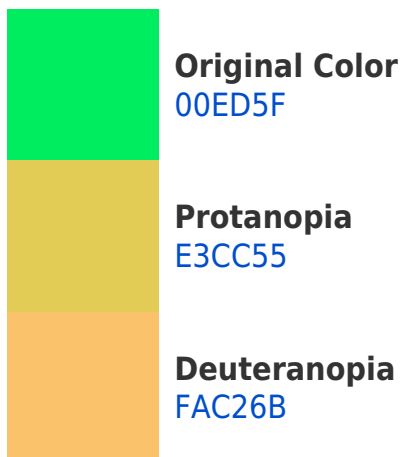


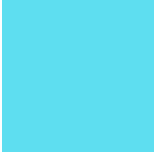
This preview shows how white text looks on a background with the Hex color 00ED5F.

Color Blindness Simulation

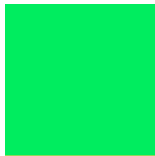
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



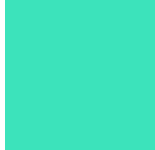
Original Color
00ED5F



Protanomaly
90D859



Deuteranomaly
9FD267



Tritanomaly
3CE3BB

Monochromacy



Original Color
00ED5F



Achromatopsia
969696



Achromatomaly
5FB682

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ED5F 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 #00ED5F looks like.

```
.text, #text, p{  
    color:#00ED5F  
}
```

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 #00ED5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ED5F
}
```

Border

The CSS property to change the border of an element to Hex 00ED5F 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
#00ED5F }
```

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

```
.border{ border-color:#00ED5F }
```

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

Here you see how a box with a 4 pixel #00ED5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ED5F; -webkit-box-shadow:4px 4px  
4px 4px #00ED5F; box-shadow:4px 4px 4px  
4px #00ED5F }
```

Background

The CSS property to change the background color of an element to Hex 00ED5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ED5F }
```

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

```
.background{ background-color:#00ED5F }
```

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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