

# Converting Colors

Hex(00E01F)

Have a look what the booklet for  
Hex(00E01F) contains.

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# **Color**

**Hex(00E01F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E01F
RGB	0, 224, 31
RGB Percent	0%, 88%, 12%
CMY	1.0000, 0.1216, 0.8784
CMYK	1.00, 0.00, 0.86, 0.12
HSL	128°, 100%, 44%
HSV	128°, 100%, 88%
XYZ	26.9030, 53.4102, 10.1876
YIQ	135.0220, -71.5510, -107.5110

# Conversions

## Conversions Part 2

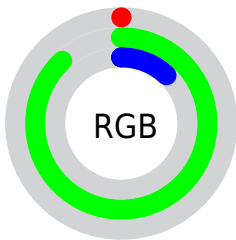
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 197, 224
Decimal	57375
CIELab	78.12, -77.39, 71.47
CIELCh	78, 105.342, 137.274
Yxy	53.4102, 0.2973, 0.5902
Android (android.graphics.Color)	4278247455 (0xFF00E01F)
YUV	135.0220, -51.2828, -118.4143
Hunter-Lab	73.0823, -62.1848, 42.8926

# Details

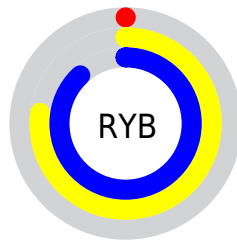
The Hex color **00E01F** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E000C1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6FFF61**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **00E01F**, and if you desaturate by 10%, it is **16E032**.

# Distribution



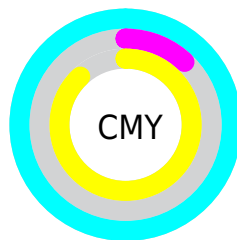
- Red (0%)
- Green (88%)
- Blue (12%)



- Red (0%)
- Yellow (77%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (88%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 00E01F 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 00E01F by changing the saturation by 10% instead.



 00E01F

 00E01F

FFFFFF

 00C300

 6FFF61

 00A700

 91FF7E

 008B00

 B1FF9A

 007000

 D1FFB7

 005600

 F1FFD4

 003E00

 FFFFF2

 002300

 000000

 00E01F

 16E032

 2DE046

 43E059

 5AE06C

 70E080

 86E093

 9DE0A6

 B3E0B9

 CAE0CD

# Harmonies

## Analogous

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



B4CE00



00E01F



00E993

# Triad

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



00E01F



00D9FF



FF448E

# Complementary

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



00E01F



E0001F

# 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.



FF4BEF



00E01F



07BAFF

# Square

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



00E01F



00E8FF



FF87FF



FF7D2C

# Rectangle

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



00E01F



00EBD7



FF87FF



FF3AAE

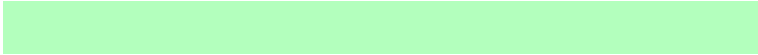


# Sweetspot

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



00E01F



B3FFBD



C2E000



528058



000000



808080



# Same Dimension

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



00E01F



00FF23



00E08E



657067



00B018



003007



# Inverse Universe

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



E000C1



FF00DC



E00052



70656F



B00098

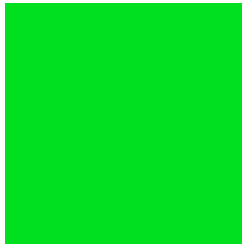


30002A



# Previews

## White Background



This preview shows how the Hex color 00E01F looks on a white background.

## Color Contrast Check

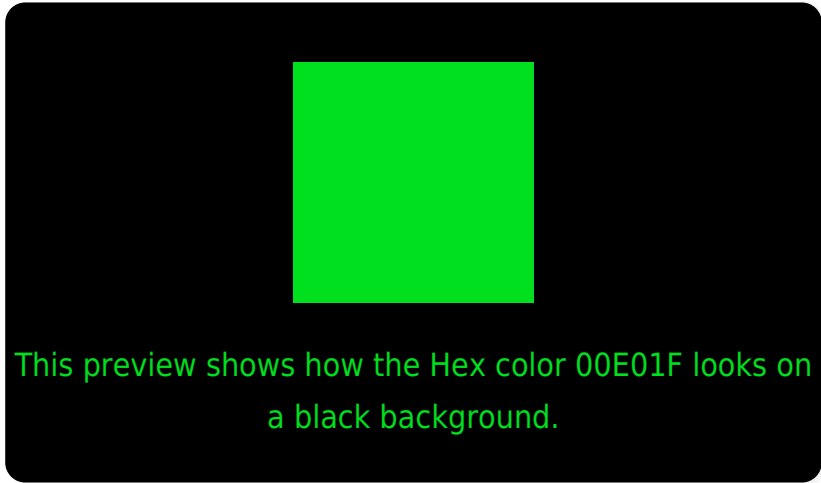
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 00E01F Background



This preview shows how black text looks on a background with the Hex color 00E01F.

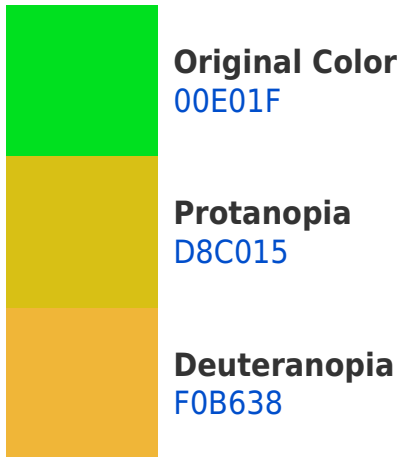


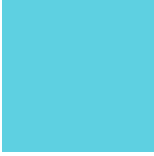
This preview shows how white text looks on a background with the Hex color 00E01F.

# 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](#).

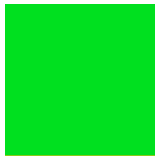
## Dichromacy





**Tritanopia**  
5ED0E1

# Trichromacy



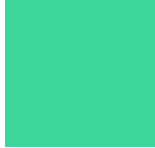
**Original Color**  
00E01F



**Protanomaly**  
89CC19

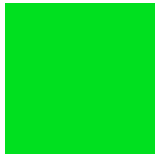


**Deuteranomaly**  
99C52F



**Tritanomaly**  
3CD69A

# Monochromacy



**Original Color**  
00E01F



**Achromatopsia**  
878787



**Achromatomaly**  
56A761

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E01F 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 #00E01F looks like.

```
.text, #text, p{  
    color:#00E01F  
}
```

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 #00E01F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E01F
}
```

## Border

The CSS property to change the border of an element to Hex 00E01F 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
#00E01F }
```

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

```
.border{ border-color:#00E01F }
```

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

Here you see how a box with a 4 pixel #00E01F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E01F; -webkit-box-shadow:4px 4px  
4px 4px #00E01F; box-shadow:4px 4px 4px  
4px #00E01F }
```

# Background

The CSS property to change the background color of an element to Hex 00E01F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E01F }
```

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

```
.background{ background-color:#00E01F }
```

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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