

# Converting Colors

Hex(0EF585)

Have a look what the booklet for  
Hex(0EF585) contains.

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# Color

Hex(0EF585)

# Conversions

## Conversions Part 1

Format	Color
Hex	0EF585
RGB	14, 245, 133
RGB Percent	5%, 96%, 52%
CMY	0.9451, 0.0392, 0.4784
CMYK	0.94, 0.00, 0.46, 0.04
HSL	151°, 92%, 51%
HSV	151°, 94%, 96%
XYZ	37.0671, 67.0916, 33.1866
YIQ	163.1630, -101.7240, -83.8040

# Conversions

## Conversions Part 2

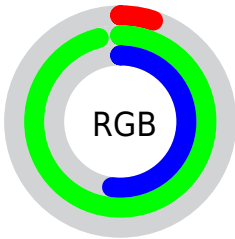
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 166, 245
Decimal	980357
CIE <sub>Lab</sub>	85.55, -72.41, 40.49
CIE <sub>LCh</sub>	86, 82.965, 150.788
Yxy	67.0916, 0.2699, 0.4885
Android (android.graphics.Color)	4279170437 (0xFF0EF585)
YUV	163.1630, -14.8704, -130.8160
Hunter-Lab	81.9095, -62.5636, 33.3146

# Details

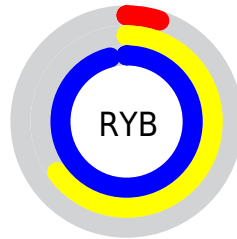
The Hex color **0EF585** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **F50E7E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **73FFBB**, and **00BB51** is the 20% darker color. If you saturate the color by 10%, you get **00F57E**, and if you desaturate by 10%, it is **27F591**.

# Distribution



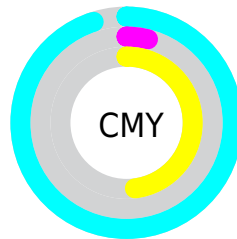
- Red (5%)
- Green (96%)
- Blue (52%)



- Red (5%)
- Yellow (65%)
- Blue (96%)



- Cyan (94%)
- Magenta (0%)
- Yellow (46%)
- Black (4%)



- Cyan (95%)
- Magenta (4%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EF585 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 0EF585 by changing the saturation by 10% instead.



 0EF585

 0EF585

FFFFFF

 00D86B

 73FFBB

 00BB51

 95FFD8

 009F38

 B6FFF4

 00841E

 D6FFFF

 006900

 F5FFFF

 004F00

 003700

 001C00

 000000

 0EF585

 0EF585

 00F57E

 27F591

 3FF59D

 58F5A9

 70F5B5

 89F5C0

 A1F5CC

 BAF5D8

 D2F5E4

 EBF5F0

# Harmonies

## Analogous

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



ACE83F



0EF585



00FBD6

# Triad

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



0EF585



00DEFF



FF958A

# Complementary

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



0EF585



F50E7E

# 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.



FF89D7



0EF585



D7C0FF

# Square

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



0EF585



00F1FF



FF9DFF



FFB448

# Rectangle

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



0EF585



00FBFF



FF9DFF



FF8DA3

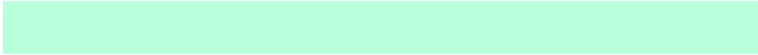


# Sweetspot

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



0EF585



B8FFDC



82F50E



54806A



000000



808080



# Same Dimension

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



0EF585



00FF83



0EF5F5



6E7A74



00BA60



003B1E



# Inverse Universe

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



F50E7E



FF007C



F50E0E



7A6E74



BA005A



3B001C



# Previews

## White Background



This preview shows how the Hex color 0EF585 looks on a white background.

## Color Contrast Check

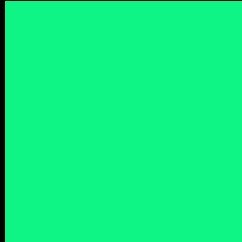
Large Text (above 18pt) WCAG AA × Fail

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 0EF585 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 0EF585 Background



This preview shows how black text looks on a background with the Hex color 0EF585.

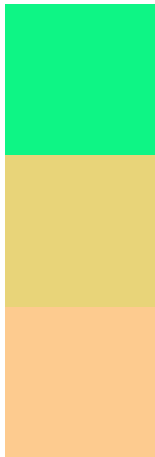


This preview shows how white text looks on a background with the Hex color 0EF585.

# 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](#).

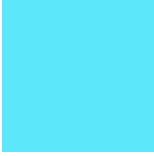
## Dichromacy



**Original Color**  
0EF585

**Protanopia**  
E8D479

**Deuteranopia**  
FDCB8F



**Tritanopia**  
5CE8FA

# Trichromacy



**Original Color**  
0EF585



**Protanomaly**  
99E07D



**Deuteranomaly**  
A6DA8B

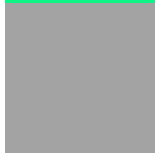


**Tritanomaly**  
40EDCF

# Monochromacy



**Original Color**  
0EF585



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
6DC198

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EF585 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 #0EF585 looks like.

```
.text, #text, p{  
    color:#0EF585  
}
```

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 #0EF585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EF585
}
```

## Border

The CSS property to change the border of an element to Hex 0EF585 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
#0EF585 }
```

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

```
.border{ border-color:#0EF585 }
```

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

Here you see how a box with a 4 pixel #0EF585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EF585; -webkit-box-shadow:4px 4px  
4px 4px #0EF585; box-shadow:4px 4px 4px  
4px #0EF585 }
```

# Background

The CSS property to change the background color of an element to Hex 0EF585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EF585 }
```

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

```
.background{ background-color:#0EF585 }
```

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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