

# Converting Colors

Hex(0FE927)

Have a look what the booklet for  
Hex(0FE927) contains.

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**Color**

**Hex(0FE927)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FE927
RGB	15, 233, 39
RGB Percent	6%, 91%, 15%
CMY	0.9412, 0.0863, 0.8471
CMYK	0.94, 0.00, 0.83, 0.09
HSL	127°, 88%, 49%
HSV	127°, 94%, 91%
XYZ	29.7021, 58.5259, 11.6506
YIQ	145.7020, -67.6540, -106.5500

# Conversions

## Conversions Part 2

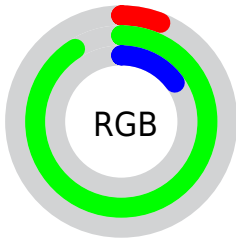
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">15, 211, 233</a>
Decimal	<a href="#">1042727</a>
CIELab	<a href="#">81.03, -78.93, 72.34</a>
CIElCh	<a href="#">81, 107.070, 137.494</a>
Yxy	<a href="#">58.5259, 0.2974, 0.5860</a>
Android (android.graphics.Color)	<a href="#">4279232807 (0xFF0FE927)</a>
YUV	<a href="#">145.7020, -52.6041, -114.6257</a>
Hunter-Lab	<a href="#">76.5022, -64.5759, 44.5222</a>

# Details

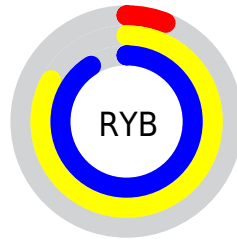
The Hex color **0FE927** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E90FD1**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **73FF67**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **00E91A**, and if you desaturate by 10%, it is **26E93C**.

# Distribution



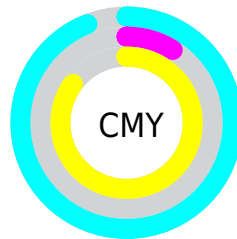
- Red (6%)
- Green (91%)
- Blue (15%)



- Red (6%)
- Yellow (83%)
- Blue (91%)



- Cyan (94%)
- Magenta (0%)
- Yellow (83%)
- Black (9%)



- Cyan (94%)
- Magenta (9%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FE927 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 0FE927 by changing the saturation by 10% instead.



 0FE927

 0FE927

FFFFFF

 00CC00

 73FF67

 00AF00

 96FF84

 009400

 B6FFA1

 007800

 D6FFBE

 005E00

 F6FFDB

 004400

 FFFFF9

 002B00

 000700

 000000

 0FE927

 0FE927

 00E91A

 26E93C

 3EE950

 55E965

 6CE97A

 84E98F

 9BE9A3

 B2E9B8

 C9E9CD

 E1E9E2

# Harmonies

## Analogous

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



BBD600



0FE927



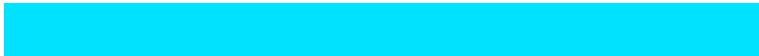
00F29A

# Triad

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



0FE927



00E2FF



FF4D94

# Complementary

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



0FE927



E90FD1

# 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.



FF52F8



0FE927



2CC1FF

# Square

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



0FE927



00F1FF



FF8EFF



FF8430

# Rectangle

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



0FE927



00F4E1



FF8EFF



FF43B5

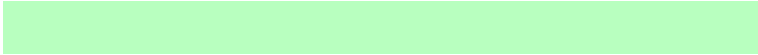


# Sweetspot

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



0FE927



B8FFBF



D3E90F



548059



000000



808080



# Same Dimension

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



0FE927



00FF1C



0FE992



6A756B



00B514



003606



# Inverse Universe

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



E90FD1



FF00E3



E90F66



756A74



B500A1

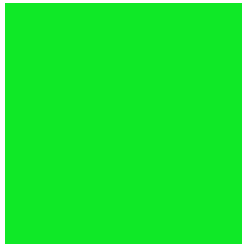


360030



# Previews

## White Background



This preview shows how the Hex color 0FE927 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 0FE927 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 0FE927 Background



This preview shows how black text looks on a background with the Hex color 0FE927.

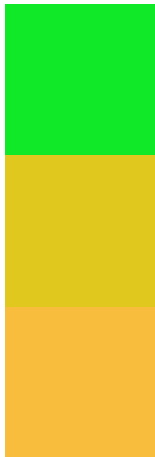


This preview shows how white text looks on a background with the Hex color 0FE927.

# 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](#).

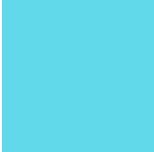
## Dichromacy



**Original Color**  
0FE927

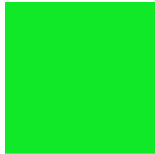
**Protanopia**  
E0C81E

**Deuteranopia**  
F9BD3E



**Tritanopia**  
62D9EA

# Trichromacy



**Original Color**  
0FE927



**Protanomaly**  
94D421

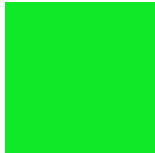


**Deuteranomaly**  
A4CD36



**Tritanomaly**  
44DFA3

# Monochromacy



**Original Color**  
0FE927



**Achromatopsia**  
929292



**Achromatomaly**  
62B26B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FE927 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 #0FE927 looks like.

```
.text, #text, p{  
    color:#0FE927  
}
```

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 #0FE927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FE927
}
```

## Border

The CSS property to change the border of an element to Hex 0FE927 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".

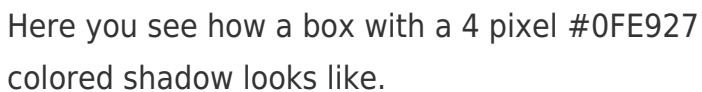
```
.border, #border, table{ border:4px solid
#0FE927 }
```

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

```
.border{ border-color:#0FE927 }
```

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

Here you see how a box with a 4 pixel #0FE927 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 #0FE927; -webkit-box-shadow:4px 4px  
4px 4px #0FE927; box-shadow:4px 4px 4px  
4px #0FE927 }
```

# Background

The CSS property to change the background color of an element to Hex 0FE927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FE927 }
```

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

```
.background{ background-color:#0FE927 }
```

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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