

Converting Colors

Hex(0EF151)

Have a look what the booklet for
Hex(0EF151) contains.

Hex(0EF151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0EF151)

Conversions

Conversions Part 1

Format	Color
Hex	0EF151
RGB	14, 241, 81
RGB Percent	5%, 95%, 32%
CMY	0.9451, 0.0549, 0.6824
CMYK	0.94, 0.00, 0.66, 0.05
HSL	138°, 89%, 50%
HSV	138°, 94%, 95%
XYZ	33.1216, 63.5980, 18.3145
YIQ	154.8870, -83.9320, -97.8840

Conversions

Conversions Part 2

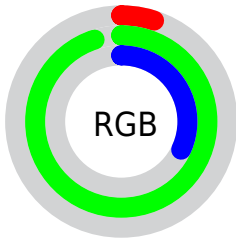
Format	Color
R_{YB}	14, 189, 241
Decimal	979281
CIE _{Lab}	83.76, -78.13, 61.59
CIE _{LCh}	84, 99.488, 141.751
Yxy	63.5980, 0.2879, 0.5529
Android (android.graphics.Color)	4279169361 (0xFF0EF151)
YUV	154.8870, -36.4263, -123.5579
Hunter-Lab	79.7484, -65.4239, 42.2077

Details

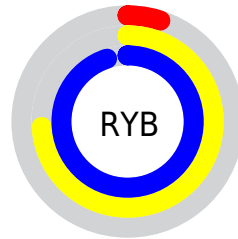
The Hex color **0EF151** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated green. A complement of this color would be **F10EAE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **74FF89**, and **00B70F** is the 20% darker color. If you saturate the color by 10%, you get **00F147**, and if you desaturate by 10%, it is **26F162**.

Distribution



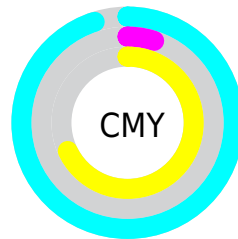
- Red (5%)
- Green (95%)
- Blue (32%)



- Red (5%)
- Yellow (74%)
- Blue (95%)



- Cyan (94%)
- Magenta (0%)
- Yellow (66%)
- Black (5%)



- Cyan (95%)
- Magenta (5%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EF151 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 0EF151 by changing the saturation by 10% instead.

 0EF151

 0EF151

FFFFFF

 00D434

 74FF89

 00B70F

 96FFA5

 009B00

 B7FFC1

 008000

 D7FFDE

 006500

 F7FFFC

 004B00

 003200

 001600

 000000

 0EF151

 0EF151

 00F147

 26F162

 3EF173

 56F184

 6EF195

 86F1A6

 9FF1B7

 B7F1C8

 CFF1D9

 E7F1EA

Harmonies

Analogous

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



B9E000



0EF151



00F9B3

Triad

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



0EF151



00E4FF



FF6E92

Complementary

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



0EF151



F10EAE

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.



FF69EF



0EF151



8FC3FF

Square

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



0EF151



00F5FF



FF95FF



FF9A38

Rectangle

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



0EF151



00FBF4



FF95FF



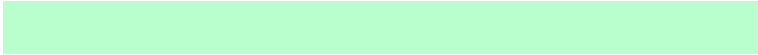
FF66B0

Sweetspot

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



0EF151



B8FFCD



B1F10E



548061



000000



808080

Same Dimension

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



0EF151



00FF4B



0EF1C0



6C786F



00B836



003811

Inverse Universe

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



F10EAE



FF00B4



F10E3F



786C74



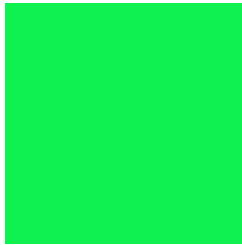
B80081



380028

Previews

White Background



This preview shows how the Hex color 0EF151 looks on a white background.

Color Contrast Check

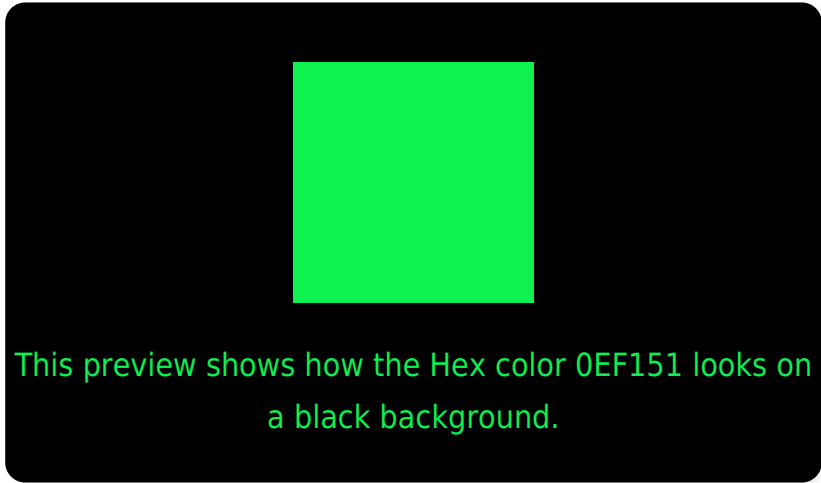
Large Text (above 18pt) WCAG AA × Fail

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 0EF151 Background



This preview shows how black text looks on a background with the Hex color 0EF151.

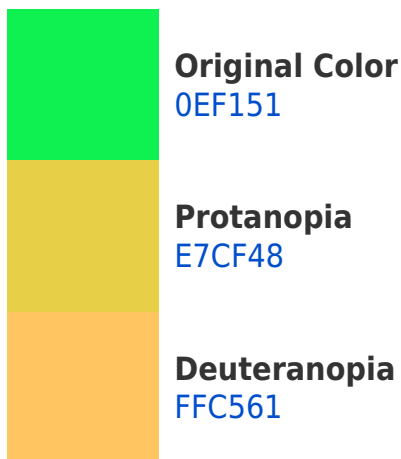


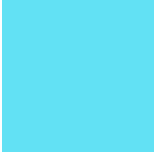
This preview shows how white text looks on a background with the Hex color 0EF151.

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
62E1F4

Trichromacy



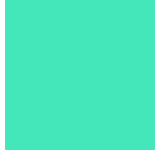
Original Color
0EF151



Protanomaly
98DB4B



Deuteranomaly
A7D55B



Tritanomaly
43E7B9

Monochromacy



Original Color
0EF151



Achromatopsia
9B9B9B



Achromatomaly
68BA80

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EF151 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 #0EF151 looks like.

```
.text, #text, p{  
    color:#0EF151  
}
```

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 #0EF151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EF151
}
```

Border

The CSS property to change the border of an element to Hex 0EF151 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
#0EF151 }
```

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

```
.border{ border-color:#0EF151 }
```

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

Here you see how a box with a 4 pixel #0EF151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EF151; -webkit-box-shadow:4px 4px  
4px 4px #0EF151; box-shadow:4px 4px 4px  
4px #0EF151 }
```

Background

The CSS property to change the background color of an element to Hex 0EF151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EF151 }
```

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

```
.background{ background-color:#0EF151 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor