

# Converting Colors

Hex(0E47FF)

Have a look what the booklet for  
Hex(0E47FF) contains.

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# Color

**Hex(0E47FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E47FF
RGB	14, 71, 255
RGB Percent	5%, 28%, 100%
CMY	0.9451, 0.7216, 0.0000
CMYK	0.95, 0.72, 0.00, 0.00
HSL	226°, 100%, 53%
HSV	226°, 95%, 100%
XYZ	20.4843, 11.8198, 95.8096
YIQ	74.9330, -93.0360, 45.1400

# Conversions

## Conversions Part 2

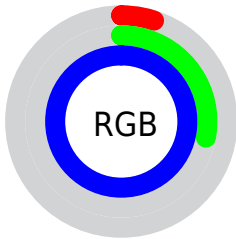
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	14, 60, 255
Decimal	935935
CIE <sub>Lab</sub>	40.93, 54.40, -93.50
CIE <sub>LCh</sub>	41, 108.171, 300.190
Yxy	11.8198, 0.1599, 0.0923
Android (android.graphics.Color)	4279126015 (0xFF0E47FF)
YUV	74.9330, 88.7730, -53.4382
Hunter-Lab	34.3800, 46.1892, -141.1623

# Details

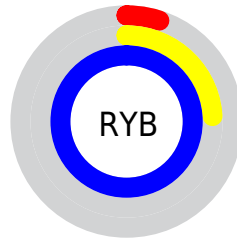
The Hex color **0E47FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **FFC60E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7778FF**, and **001BC5** is the 20% darker color. If you saturate the color by 10%, you get **003CFF**, and if you desaturate by 10%, it is **285AFF**.

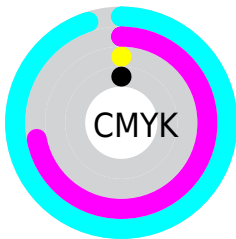
# Distribution



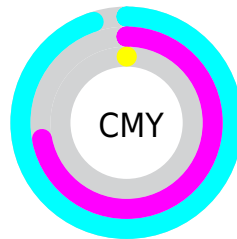
- Red (5%)
- Green (28%)
- Blue (100%)



- Red (5%)
- Yellow (24%)
- Blue (100%)



- Cyan (95%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (72%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E47FF 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 0E47FF by changing the saturation by 10% instead.



 0E47FF

 0E47FF

FFFFFF

 0030E2

 7778FF

 001BC5

 9A92FF

 0008A8

 BBADFF

 00008D

 DBC9FF

 000A72

 FCE5FF

 000D58

 000740

 000329

 000113

■ 0E47FF

■ 0E47FF

■ 003CFF

■ 285AFF

■ 416EFF

■ 5B81FF

■ 7495FF

■ 8EA8FF

■ A7BCFF

■ C1CFFF

■ DAE3FF

■ F4F6FF

# Harmonies

## Analogous

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



0070FF



0E47FF



C200BB

# Triad

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



0E47FF



B82B00



007E5F

# Complementary

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



0E47FF



FFC60E

# 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.



007B00



0E47FF



765F00

# Square

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



0E47FF



E3000E



007300



0080B9

# Rectangle

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



0E47FF



E50082



007300



007D3F



# Sweetspot

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



0E47FF



B8C8FF



0EFFC3



545E80



000000



808080



# Same Dimension

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



0E47FF



003CFF



4A0EFF



737680



002DBF



000F40



# Inverse Universe

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



FF0E47



FF003C



C3FF0E



807376



BF002D

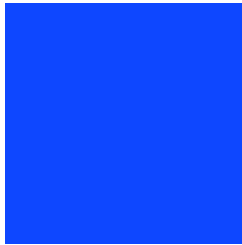


40000F



# Previews

## White Background



This preview shows how the Hex color 0E47FF looks on a white 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 × Fail

# Black Background



This preview shows how the Hex color 0E47FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

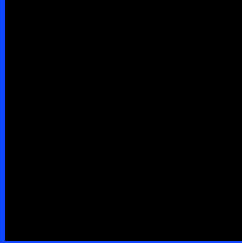
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0E47FF Background



This preview shows how black text looks on a background with the Hex color 0E47FF.

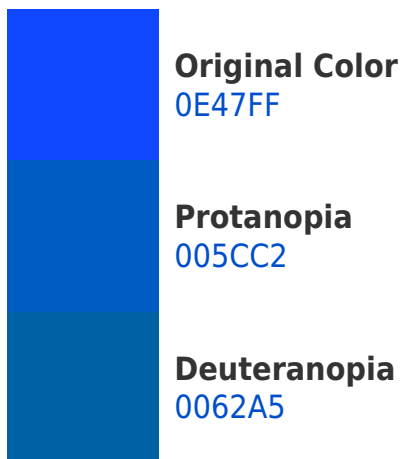


This preview shows how white text looks on a background with the Hex color 0E47FF.

# 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**  
006A70

# Trichromacy



**Original Color**  
0E47FF

**Protanomaly**  
0554D8

**Deuteranomaly**  
0558C6

**Tritanomaly**  
055DA4

# Monochromacy



**Original Color**  
0E47FF

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
354A8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E47FF 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 #0E47FF looks like.

```
.text, #text, p{  
    color:#0E47FF  
}
```

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 #0E47FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E47FF  
}
```

## Border

The CSS property to change the border of an element to Hex 0E47FF 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  
#0E47FF }
```

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

```
.border{ border-color:#0E47FF }
```

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

Here you see how a box with a 4 pixel #0E47FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E47FF; -webkit-box-shadow:4px 4px  
4px 4px #0E47FF; box-shadow:4px 4px 4px  
4px #0E47FF }
```

# Background

The CSS property to change the background color of an element to Hex 0E47FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E47FF }
```

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

```
.background{ background-color:#0E47FF }
```

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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