

# Converting Colors

Hex(0E4EF1)

Have a look what the booklet for  
Hex(0E4EF1) contains.

<b>Hex(0E4EF1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0E4EF1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E4EF1
RGB	14, 78, 241
RGB Percent	5%, 31%, 95%
CMY	0.9451, 0.6941, 0.0549
CMYK	0.94, 0.68, 0.00, 0.05
HSL	223°, 89%, 50%
HSV	223°, 94%, 95%
XYZ	18.7827, 11.8930, 84.5247
YIQ	77.4460, -90.4670, 37.1250

# Conversions

## Conversions Part 2

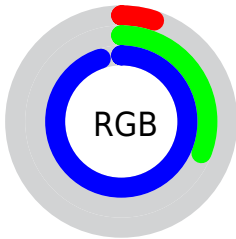
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 64, 241
Decimal	937713
CIE <sub>Lab</sub>	41.05, 45.35, -85.46
CIE <sub>LCh</sub>	41, 96.743, 297.953
Yxy	11.8930, 0.1630, 0.1032
Android (android.graphics.Color)	4279127793 (0xFF0E4EF1)
YUV	77.4460, 80.6321, -55.6421
Hunter-Lab	34.4862, 36.8677, -121.1776

# Details

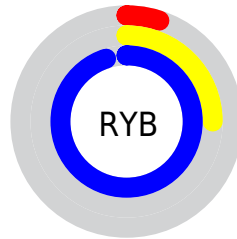
The Hex color **0E4EF1** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **F1B10E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **727FFF**, and **0023B7** is the 20% darker color. If you saturate the color by 10%, you get **0044F1**, and if you desaturate by 10%, it is **265FF1**.

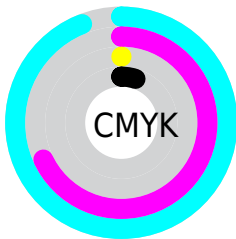
# Distribution



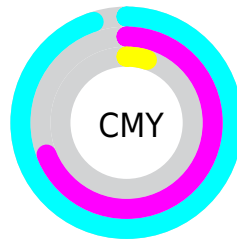
- Red (5%)
- Green (31%)
- Blue (95%)



- Red (5%)
- Yellow (25%)
- Blue (95%)



- Cyan (94%)
- Magenta (68%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (69%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E4EF1 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 0E4EF1 by changing the saturation by 10% instead.



 0E4EF1

 0E4EF1

FFFFFF

 0037D4

 727FFF

 0023B7

 9499FF

 00119C

 B5B4FF

 000081


 D5CFFF

 000C66

 F4ECFF

 000A4D

 000535

 00021F

 000003

■ 0E4EF1

■ 0E4EF1

■ 0044F1

■ 265FF1

■ 3E71F1

■ 5682F1

■ 6E93F1

■ 86A5F1

■ 9FB6F1

■ B7C7F1

■ CFD8F1

■ E7EAF1

# Harmonies

## Analogous

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



006FFF



0E4EF1



B400B7

# Triad

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



0E4EF1



B53000



007D59

# Complementary

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



0E4EF1



F1B10E

# 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.



007900



0E4EF1



7B5D00

# Square

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



0E4EF1



DA001D



227100



007EAA

# Rectangle

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



0E4EF1



D70084



227100



007C3C



# Sweetspot

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



0E4EF1



B8CCFF



0EF1B1



546080



000000



808080



# Same Dimension

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



0E4EF1



0048FF



3F0EF1



6C6F78



0034B8



001038



# Inverse Universe

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



F10E4E



FF0048



C0F10E



786C6F



B80034



380010



# Previews

## White Background



This preview shows how the Hex color 0E4EF1 looks on a white background.

## Color Contrast Check

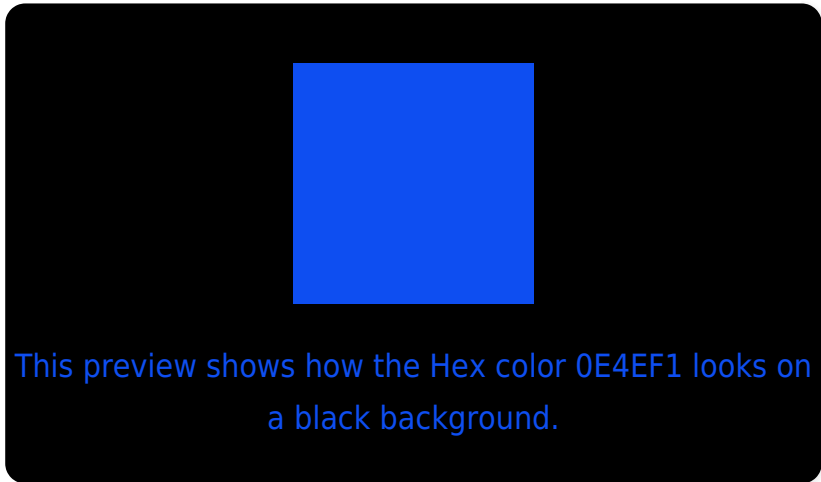
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

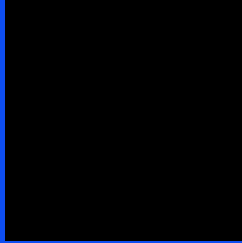
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E4EF1 Background



This preview shows how black text looks on a background with the Hex color 0E4EF1.

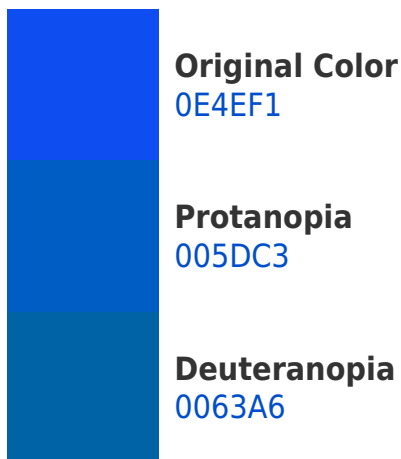


This preview shows how white text looks on a background with the Hex color 0E4EF1.

# 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**  
006B70

# Trichromacy



**Original Color**  
0E4EF1

**Protanomaly**  
0558D4

**Deuteranomaly**  
055BC1

**Tritanomaly**  
05609F

# Monochromacy



**Original Color**  
0E4EF1

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
364D89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E4EF1 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 #0E4EF1 looks like.

```
.text, #text, p{  
    color:#0E4EF1  
}
```

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 #0E4EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4EF1
}
```

## Border

The CSS property to change the border of an element to Hex 0E4EF1 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
#0E4EF1 }
```

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

```
.border{ border-color:#0E4EF1 }
```

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

Here you see how a box with a 4 pixel #0E4EF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4EF1; -webkit-box-shadow:4px 4px  
4px 4px #0E4EF1; box-shadow:4px 4px 4px  
4px #0E4EF1 }
```

# Background

The CSS property to change the background color of an element to Hex 0E4EF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4EF1 }
```

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

```
.background{ background-color:#0E4EF1 }
```

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