

Converting Colors

Hex(0E0EF1)

Have a look what the booklet for
Hex(0E0EF1) contains.

Hex(0E0EF1)	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(0E0EF1)

Conversions

Conversions Part 1

Format	Color
Hex	0E0EF1
RGB	14, 14, 241
RGB Percent	5%, 5%, 95%
CMY	0.9451, 0.9451, 0.0549
CMYK	0.94, 0.94, 0.00, 0.05
HSL	240°, 89%, 50%
HSV	240°, 94%, 95%
XYZ	16.2153, 6.7583, 83.6689
YIQ	39.8780, -72.8670, 70.5970

Conversions

Conversions Part 2

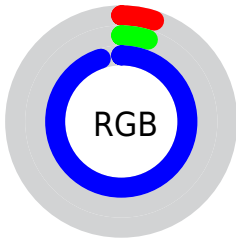
Format	Color
R_YB	14, 14, 241
Decimal	921329
CIE _{Lab}	31.25, 73.65, -101.72
CIE _{LCh}	31, 125.583, 305.904
Yxy	6.7583, 0.1521, 0.0634
Android (android.graphics.Color)	4279111409 (0xFF0E0EF1)
YUV	39.8780, 99.1531, -22.6950
Hunter-Lab	25.9968, 65.8440, -172.6234

Details

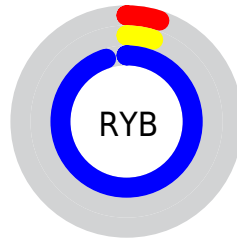
The Hex color **0E0EF1** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F1F10E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **774BFF**, and **0000B7** is the 20% darker color. If you saturate the color by 10%, you get **0000F1**, and if you desaturate by 10%, it is **2626F1**.

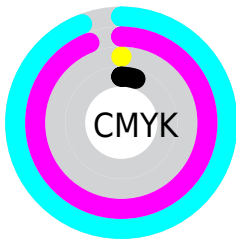
Distribution



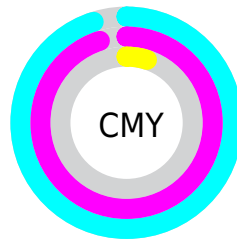
- Red (5%)
- Green (5%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0E0EF1 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 0E0EF1 by changing the saturation by 10% instead.

 0E0EF1

 0E0EF1

FFFFFF

 0000D4

 774BFF

 0000B7

 9A66FF

 00009B

 BB81FF

 000080

 DC9CFF

 001065

 FDB8FF

 00094C

 FFD5FF

 000535

 FFF2FF

 00021E

 000001

■ 0E0EF1

■ 0E0EF1

■ 0000F1

■ 2626F1

■ 3E3EF1

■ 5656F1

■ 6E6EF1

■ 8686F1

■ 9F9FF1

■ B7B7F1

■ CFCFF1

■ E7E7F1

Harmonies

Analogous

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



005AFF



0E0EF1



C1009D

Triad

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



0E0EF1



960F00



00655C

Complementary

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



0E0EF1



F1F10E

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.



006200



0E0EF1



494E00

Square

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



0E0EF1



CB0000



005D00



0069BF

Rectangle

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



0E0EF1



DD005C



005D00



006439

Sweetspot

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



0E0EF1



B8B8FF



0EF1F1



545480



000000



808080

Same Dimension

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



0E0EF1



0000FF



800EF1



6C6C78



0000B8



000038

Inverse Universe

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



F10EF1



FF00FF



80F10E



786C78



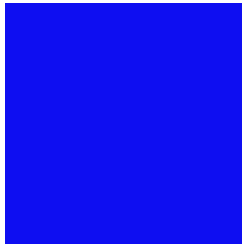
B800B8



380038

Previews

White Background



This preview shows how the Hex color 0E0EF1 looks on a white background.

Color Contrast Check

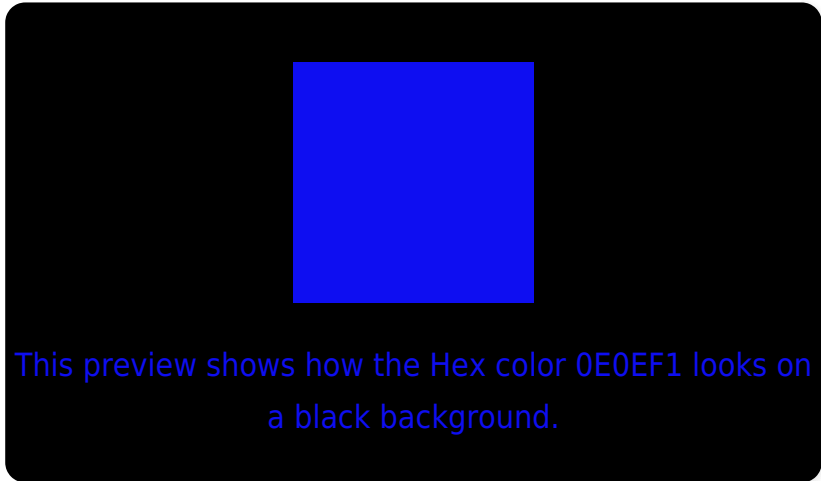
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex 0E0EF1 Background



This preview shows how black text looks on a background with the Hex color 0E0EF1.



This preview shows how white text looks on a background with the Hex color 0E0EF1.

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
0E0EF1

Protanopia
004795

Deuteranopia
004C7E

Trichromacy



Original Color
0E0EF1

Protanomaly
0532B6

Deuteranomaly
0535A8

Tritanomaly
05398E

Monochromacy



Original Color
0E0EF1

Achromatopsia
282828

Achromatomaly
1F1F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E0EF1 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 #0E0EF1 looks like.

```
.text, #text, p{  
    color:#0E0EF1  
}
```

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 #0E0EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E0EF1
}
```

Border

The CSS property to change the border of an element to Hex 0E0EF1 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".

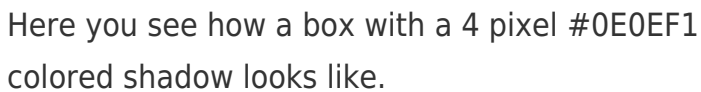
```
.border, #border, table{ border:4px solid
#0E0EF1 }
```

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

```
.border{ border-color:#0E0EF1 }
```

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

Here you see how a box with a 4 pixel #0E0EF1 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and describes the shadow's appearance.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E0EF1; -webkit-box-shadow:4px 4px  
4px 4px #0E0EF1; box-shadow:4px 4px 4px  
4px #0E0EF1 }
```

Background

The CSS property to change the background color of an element to Hex 0E0EF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E0EF1 }
```

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

```
.background{ background-color:#0E0EF1 }
```

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