

# Converting Colors

Hex(0EA1F7)

Have a look what the booklet for  
Hex(0EA1F7) contains.

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# **Color**

**Hex(0EA1F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EA1F7
RGB	14, 161, 247
RGB Percent	5%, 63%, 97%
CMY	0.9451, 0.3686, 0.0314
CMYK	0.94, 0.35, 0.00, 0.03
HSL	202°, 94%, 51%
HSV	202°, 94%, 97%
XYZ	29.7145, 32.2985, 92.6638
YIQ	126.8510, -115.2180, -4.4180

# Conversions

## Conversions Part 2

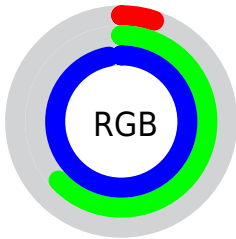
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	14, 104, 247
Decimal	958967
CIE Lab	63.59, -3.71, -52.31
CIE LCh	64, 52.440, 265.947
Yxy	32.2985, 0.1921, 0.2088
Android (android.graphics.Color)	4279149047 (0xFF0EA1F7)
YUV	126.8510, 59.2335, -98.9703
Hunter-Lab	56.8318, -6.1269, -56.8897

# Details

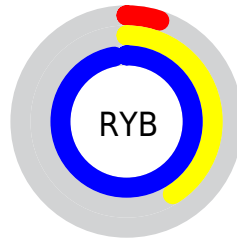
The Hex color **0EA1F7** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F7640E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **70D7FF**, and **006EBE** is the 20% darker color. If you saturate the color by 10%, you get **009CF7**, and if you desaturate by 10%, it is **27AAF7**.

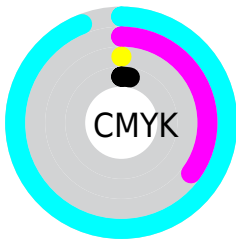
# Distribution



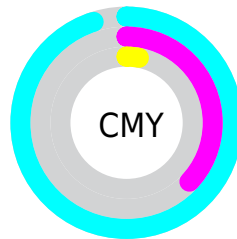
- Red (5%)
- Green (63%)
- Blue (97%)



- Red (5%)
- Yellow (41%)
- Blue (97%)



- Cyan (94%)
- Magenta (35%)
- Yellow (0%)
- Black (3%)



- Cyan (95%)
- Magenta (37%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EA1F7 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 0EA1F7 by changing the saturation by 10% instead.



 0EA1F7

 0EA1F7

FFFFFF

 0087DA


 70D7FF

 006EBE

 92F4FF

 0056A3

 B2FFFF

 003F88

 D2FFFF

 002A6E

 F1FFFF

 001655

 00063D

 000326

 000110

■ 0EA1F7

■ 0EA1F7

■ 009CF7

■ 27AAF7

■ 3FB3F7

■ 58BCF7

■ 71C5F7

■ 8ACFF7

■ A2D8F7

■ BBE1F7

■ D4EAF7

■ ECF3F7

# Harmonies

## Analogous

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



00ACE7



0EA1F7



9290EE

# Triad

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



0EA1F7



EF7574



50AC63

# Complementary

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



0EA1F7



F7640E

# 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.



8CA341



0EA1F7



DD844D

# Square

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



0EA1F7



EC71A2



BA9538



00B192

# Rectangle

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



0EA1F7



BD83DB



BA9538



67AA56

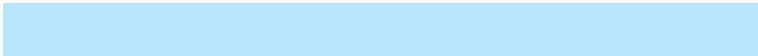


# Sweetspot

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



0EA1F7



B8E5FF



0EF763



546F80



000000



808080

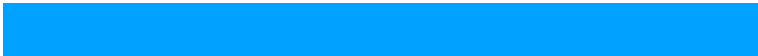


# Same Dimension

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



0EA1F7



00A1FF



0E2DF7



6E767A



0075BA



00253B



# Inverse Universe

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



F70EA1



FF00A1



F7D80E



7A6E76



BA0075

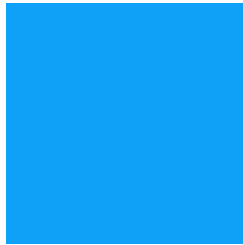


3B0025



# Previews

## White Background



This preview shows how the Hex color 0EA1F7 looks on a white background.

## Color Contrast Check

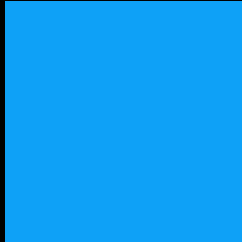
Large Text (above 18pt) WCAG AA × Fail

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 0EA1F7 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

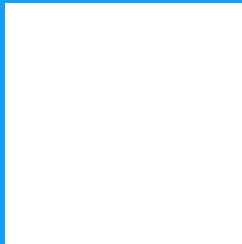
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0EA1F7 Background



This preview shows how black text looks on a background with the Hex color 0EA1F7.

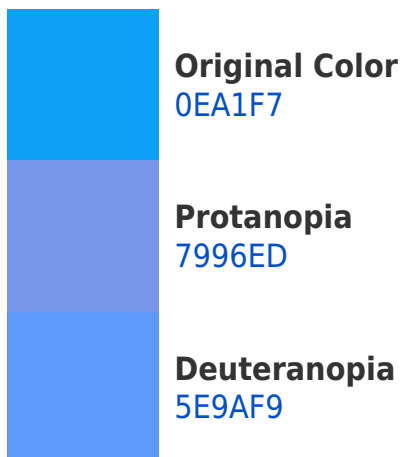


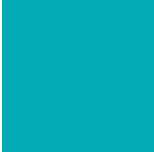
This preview shows how white text looks on a background with the Hex color 0EA1F7.

# 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](#).

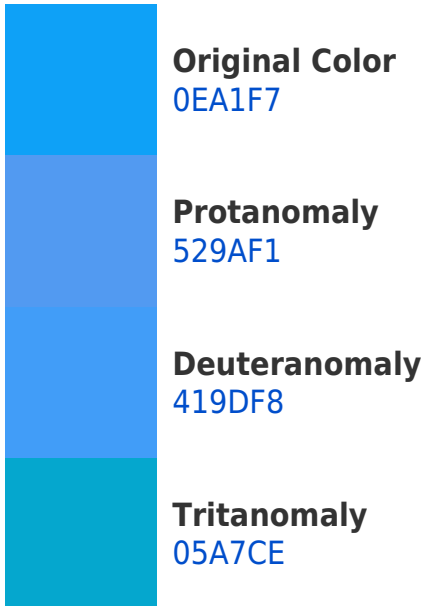
## Dichromacy



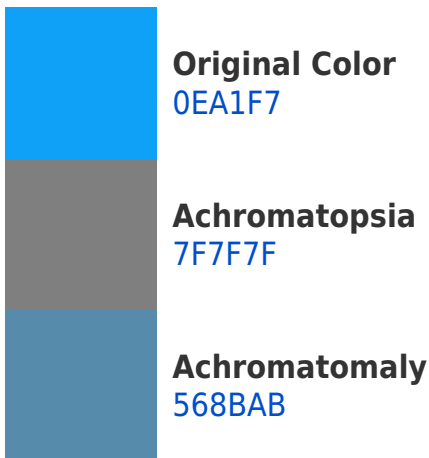


**Tritanopia**  
00AAB6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EA1F7 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 #0EA1F7 looks like.

```
.text, #text, p{  
    color:#0EA1F7  
}
```

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 #0EA1F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA1F7
}
```

## Border

The CSS property to change the border of an element to Hex 0EA1F7 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
#0EA1F7 }
```

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

```
.border{ border-color:#0EA1F7 }
```

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

Here you see how a box with a 4 pixel #0EA1F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA1F7; -webkit-box-shadow:4px 4px  
4px 4px #0EA1F7; box-shadow:4px 4px 4px  
4px #0EA1F7 }
```

# Background

The CSS property to change the background color of an element to Hex 0EA1F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA1F7 }
```

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

```
.background{ background-color:#0EA1F7 }
```

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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