

# Converting Colors

Hex(0EA5F5)

Have a look what the booklet for  
Hex(0EA5F5) contains.

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# Color

Hex(0EA5F5)

# Conversions

## Conversions Part 1

Format	Color
Hex	0EA5F5
RGB	14, 165, 245
RGB Percent	5%, 65%, 96%
CMY	0.9451, 0.3529, 0.0392
CMYK	0.94, 0.33, 0.00, 0.04
HSL	201°, 92%, 51%
HSV	201°, 94%, 96%
XYZ	30.1177, 33.5962, 91.2835
YIQ	128.9710, -115.6760, -7.1320

# Conversions

## Conversions Part 2

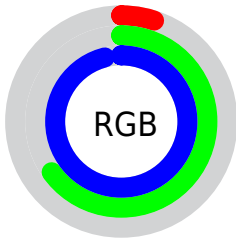
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	14, 105, 245
Decimal	959989
CIE Lab	64.64, -6.71, -49.55
CIE LCh	65, 50.002, 262.285
Yxy	33.5962, 0.1943, 0.2168
Android (android.graphics.Color)	4279150069 (0xFF0EA5F5)
YUV	128.9710, 57.2023, -100.8296
Hunter-Lab	57.9622, -8.6838, -52.8011

# Details

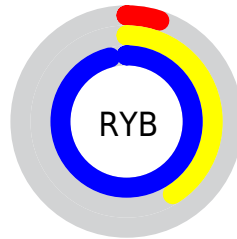
The Hex color **0EA5F5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F55E0E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **70DCFF**, and **0072BC** is the 20% darker color. If you saturate the color by 10%, you get **00A0F5**, and if you desaturate by 10%, it is **27ADF5**.

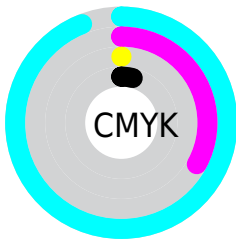
# Distribution



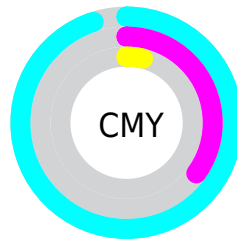
- Red (5%)
- Green (65%)
- Blue (96%)



- Red (5%)
- Yellow (41%)
- Blue (96%)



- Cyan (94%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)



- Cyan (95%)
- Magenta (35%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EA5F5 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 0EA5F5 by changing the saturation by 10% instead.



 0EA5F5

 0EA5F5

FFFFFF

 008BD8

 70DCFF

 0072BC

 92F8FF

 0059A1

 B2FFFF

 004286

 D1FFFF

 002D6D

 F1FFFF

 001954

 00063C

 000225

 00010E

■ 0EA5F5

■ 0EA5F5

■ 00A0F5

■ 27ADF5

■ 3FB6F5

■ 58BEF5

■ 70C7F5

■ 89CFF5

■ A1D8F5

■ BAE0F5

■ D2E9F5

■ EBF1F5

# Harmonies

## Analogous

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



00AFE3



0EA5F5



8D96F0

# Triad

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



0EA5F5



F0797D



60AE64

# Complementary

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



0EA5F5



F55E0E

# 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.



96A446



0EA5F5



E18657

# Square

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



0EA5F5



E978AA



C19641



00B38F

# Rectangle

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



0EA5F5



B88ADF



C19641



74AB58

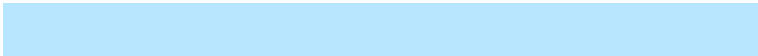


# Sweetspot

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



0EA5F5



B8E6FF



0EF55B



547080



000000



808080

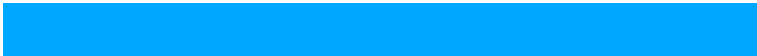


# Same Dimension

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



0EA5F5



00A7FF



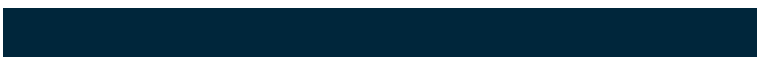
0E35F5



6E767A



007ABA



00263B



# Inverse Universe

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



F50EA5



FF00A7



F5CF0E



7A6E76



BA007A

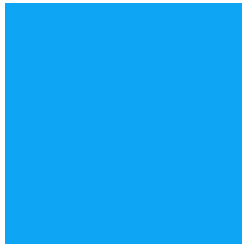


3B0026



# Previews

## White Background



This preview shows how the Hex color 0EA5F5 looks on a white background.

## Color Contrast Check

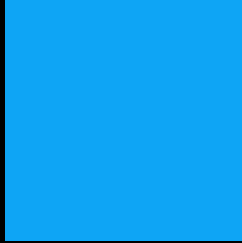
Large Text (above 18pt) WCAG AA × Fail

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 0EA5F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

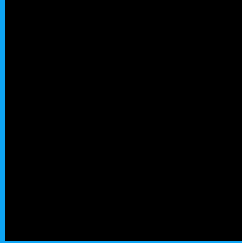
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

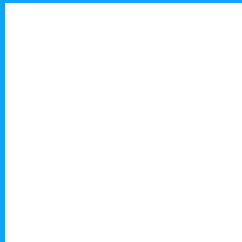
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0EA5F5 Background



This preview shows how black text looks on a background with the Hex color 0EA5F5.



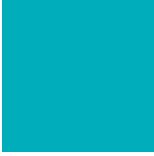
This preview shows how white text looks on a background with the Hex color 0EA5F5.

# Color Blindness Simulation

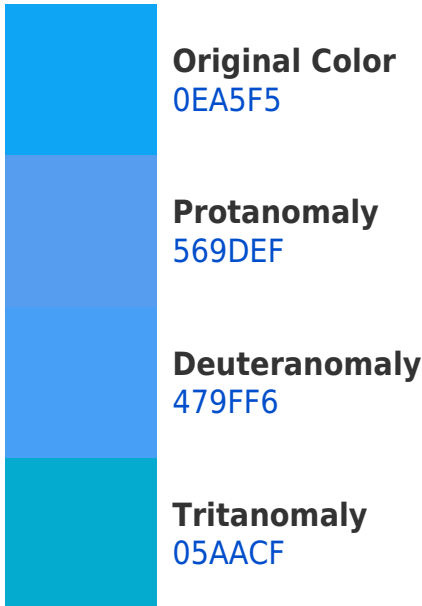
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

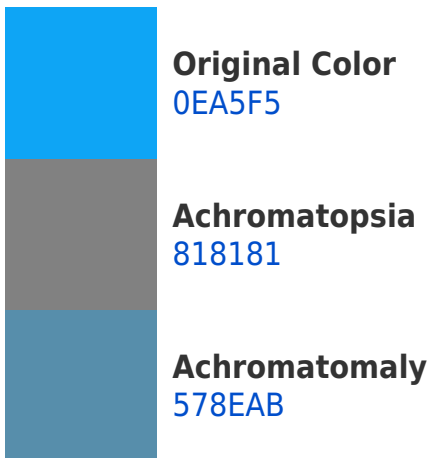




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EA5F5 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 #0EA5F5 looks like.

```
.text, #text, p{  
    color:#0EA5F5  
}
```

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 #0EA5F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA5F5
}
```

## Border

The CSS property to change the border of an element to Hex 0EA5F5 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
#0EA5F5 }
```

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

```
.border{ border-color:#0EA5F5 }
```

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

Here you see how a box with a 4 pixel #0EA5F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA5F5; -webkit-box-shadow:4px 4px  
4px 4px #0EA5F5; box-shadow:4px 4px 4px  
4px #0EA5F5 }
```

# Background

The CSS property to change the background color of an element to Hex 0EA5F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA5F5 }
```

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

```
.background{ background-color:#0EA5F5 }
```

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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