

Converting Colors

Hex(0EA5EB)

Have a look what the booklet for
Hex(0EA5EB) contains.

Hex(0EA5EB)	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(0EA5EB)

Conversions

Conversions Part 1

Format	Color
Hex	0EA5EB
RGB	14, 165, 235
RGB Percent	5%, 65%, 92%
CMY	0.9451, 0.3529, 0.0784
CMYK	0.94, 0.30, 0.00, 0.08
HSL	199°, 89%, 49%
HSV	199°, 94%, 92%
XYZ	28.6316, 33.0018, 83.4582
YIQ	127.8310, -112.4660, -10.2420

Conversions

Conversions Part 2

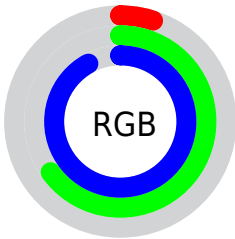
Format	Color
RYB	14, 104, 235
Decimal	959979
CIELab	64.16, -10.35, -44.82
CIELCh	64, 46.003, 256.996
Yxy	33.0018, 0.1973, 0.2275
Android (android.graphics.Color)	4279150059 (0xFF0EA5EB)
YUV	127.8310, 52.8343, -99.8298
Hunter-Lab	57.4472, -11.5683, -45.9224

Details

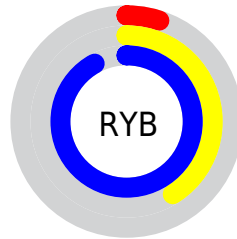
The Hex color **0EA5EB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **EB540E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6EDCFF**, and **0071B3** is the 20% darker color. If you saturate the color by 10%, you get **00A1EB**, and if you desaturate by 10%, it is **26ACEB**.

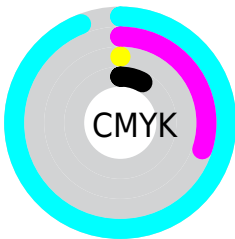
Distribution



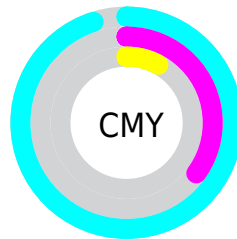
- Red (5%)
- Green (65%)
- Blue (92%)



- Red (5%)
- Yellow (41%)
- Blue (92%)



- Cyan (94%)
- Magenta (30%)
- Yellow (0%)
- Black (8%)



- Cyan (95%)
- Magenta (35%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EA5EB 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 0EA5EB by changing the saturation by 10% instead.

 0EA5EB

 0EA5EB

FFFFFF

 008BCF

 6EDCFF

 0071B3

 8FF8FF

 005998

 AFFFFFF

 00427E

 CEFFFF

 002C64

 EEEFFF

 00194C

 000534

 00021E

 000001

0EA5EB

0EA5EB

00A1EB

26ACEB

3DB4EB

55BBEB

6CC3EB

84CAEB

9BD2EB

B3D9EB

CAE1EB

E2E8EB

Harmonies

Analogous

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



00ADD6



0EA5EB



8298EA

Triad

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



0EA5EB



E97A86



6FAA62

Complementary

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



0EA5EB



EB540E

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.



9DA14A



0EA5EB



DF8461

Square

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



0EA5EB



DF7BAF



C3934A



28AF88

Rectangle

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



0EA5EB



AC8DDD



C3934A



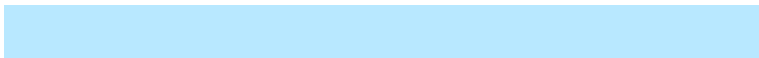
7FA758

Sweetspot

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



0EA5EB



B8E8FF



0EEB54



547280



000000



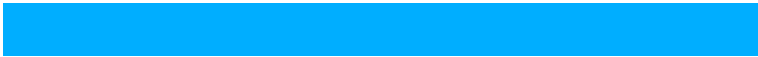
808080

Same Dimension

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



0EA5EB



00AEFF



0E37EB



6A7275



007CB5



002536

Inverse Universe

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



EB0EA5



FF00AE



EBC20E



756A72



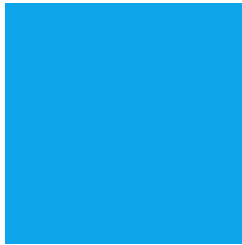
B5007C



360025

Previews

White Background



This preview shows how the Hex color 0EA5EB looks on a white background.

Color Contrast Check

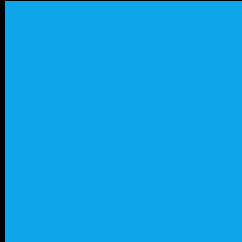
Large Text (above 18pt) WCAG AA × Fail

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 0EA5EB 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 0EA5EB Background



This preview shows how black text looks on a background with the Hex color 0EA5EB.

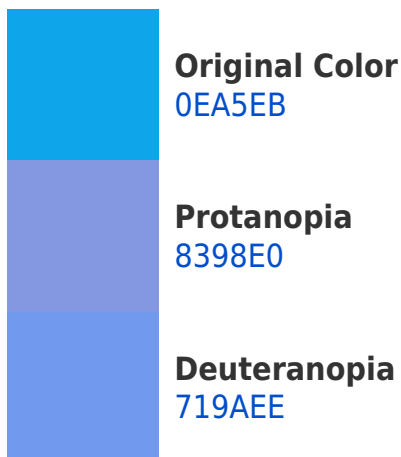


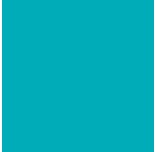
This preview shows how white text looks on a background with the Hex color 0EA5EB.

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



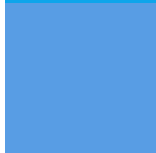


Tritanopia
00ACB8

Trichromacy



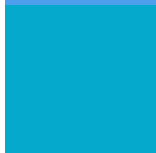
Original Color
0EA5EB



Protanomaly
589DE4



Deuteranomaly
4D9EED



Tritanomaly
05A9CB

Monochromacy



Original Color
0EA5EB



Achromatopsia
808080



Achromatomaly
578DA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EA5EB 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 #0EA5EB looks like.

```
.text, #text, p{  
    color:#0EA5EB  
}
```

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 #0EA5EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA5EB
}
```

Border

The CSS property to change the border of an element to Hex 0EA5EB 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
#0EA5EB }
```

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

```
.border{ border-color:#0EA5EB }
```

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

Here you see how a box with a 4 pixel #0EA5EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA5EB; -webkit-box-shadow:4px 4px  
4px 4px #0EA5EB; box-shadow:4px 4px 4px  
4px #0EA5EB }
```

Background

The CSS property to change the background color of an element to Hex 0EA5EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA5EB }
```

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

```
.background{ background-color:#0EA5EB }
```

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