

Converting Colors

Hex(0EA0E2)

Have a look what the booklet for
Hex(0EA0E2) contains.

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Color

Hex(0EA0E2)

Conversions

Conversions Part 1

Format	Color
Hex	0EA0E2
RGB	14, 160, 226
RGB Percent	5%, 63%, 89%
CMY	0.9451, 0.3725, 0.1137
CMYK	0.94, 0.29, 0.00, 0.11
HSL	199°, 88%, 47%
HSV	199°, 94%, 89%
XYZ	26.4794, 30.7260, 76.4866
YIQ	123.8700, -108.2020, -10.4260

Conversions

Conversions Part 2

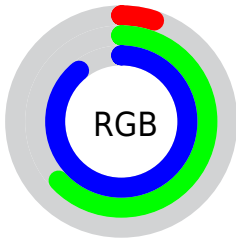
Format	Color
RYB	14, 100, 226
Decimal	958690
CIELab	62.28, -10.84, -42.83
CIELCh	62, 44.181, 255.801
Yxy	30.7260, 0.1981, 0.2298
Android (android.graphics.Color)	4279148770 (0xFF0EA0E2)
YUV	123.8700, 50.3501, -96.3560
Hunter-Lab	55.4310, -11.7348, -43.0097

Details

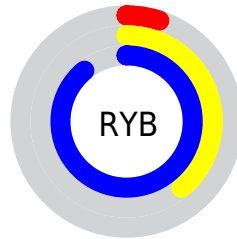
The Hex color **0EA0E2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E2500E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6CD7FF**, and **006DAA** is the 20% darker color. If you saturate the color by 10%, you get **009CE2**, and if you desaturate by 10%, it is **25A7E2**.

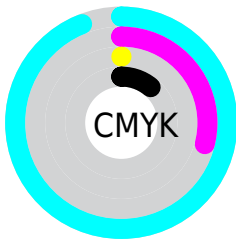
Distribution



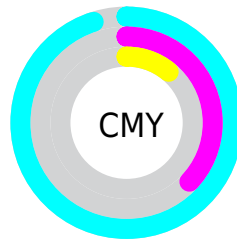
- Red (5%)
- Green (63%)
- Blue (89%)



- Red (5%)
- Yellow (39%)
- Blue (89%)



- Cyan (94%)
- Magenta (29%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (37%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EA0E2 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 0EA0E2 by changing the saturation by 10% instead.

 0EA0E2

 0EA0E2

FFFFFF

 0086C6

 6CD7FF

 006DAA

 8CF3FF

 00558F

 ACFFFF

 003E76

 CBFFFF

 00285C

 EAFFFF

 001444

 00032E

 000118

 000000

■ 0EA0E2

■ 0EA0E2

■ 009CE2

■ 25A7E2

■ 3BAEE2

■ 52B5E2

■ 68BCE2

■ 7FC3E2

■ 96CAE2

■ ACD1E2

■ C3D8E2

■ D9DFE2

Harmonies

Analogous

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



00A8CE



0EA0E2



7B93E2

Triad

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



0EA0E2



E17783



6EA45E

Complementary

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



0EA0E2



E2500E

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.



9A9B48



0EA0E2



D78060

Square

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



0EA0E2



D678AB



BE8E4A



2EA982

Rectangle

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



0EA0E2



A489D6



BE8E4A



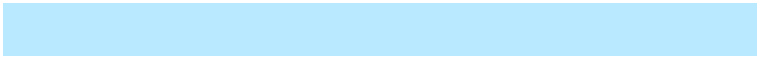
7DA255

Sweetspot

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



0EA0E2



B8E9FF



0EE24E



547280



000000



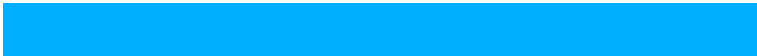
808080

Same Dimension

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



0EA0E2



00B0FF



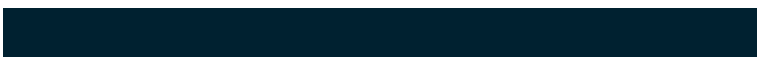
0E38E2



656D70



0079B0



002130

Inverse Universe

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



E20EAO



FF00B0



E2B80E



70656D



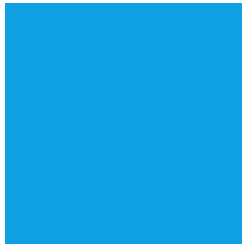
B00079



300021

Previews

White Background



This preview shows how the Hex color 0EA0E2 looks on a white background.

Color Contrast Check

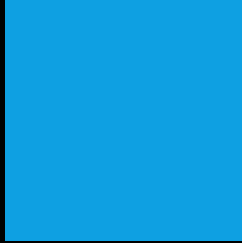
Large Text (above 18pt) WCAG AA × Fail

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 0EA0E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

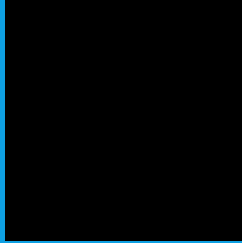
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

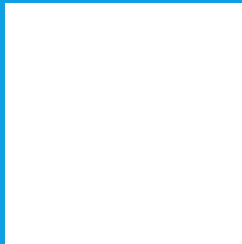
Any Text WCAG AAA ✓ Pass

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

Hex 0EA0E2 Background



This preview shows how black text looks on a background with the Hex color 0EA0E2.

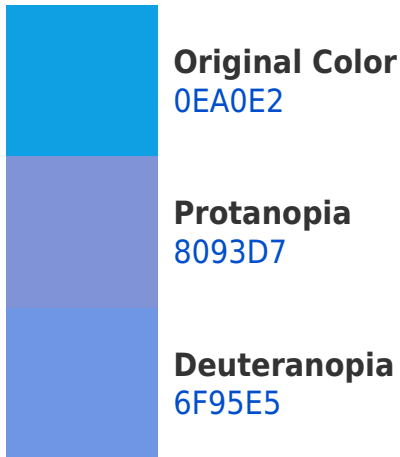


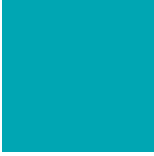
This preview shows how white text looks on a background with the Hex color 0EA0E2.

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](#).

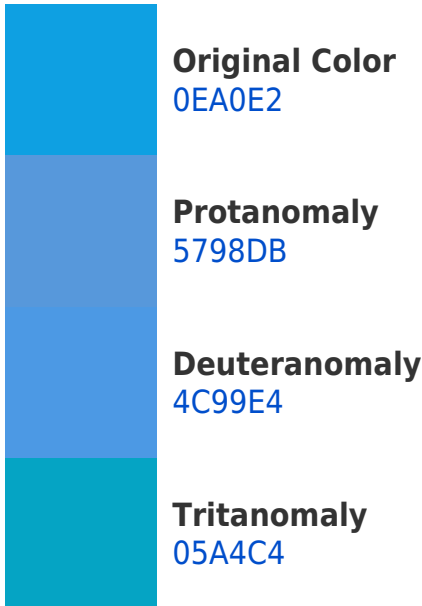
Dichromacy



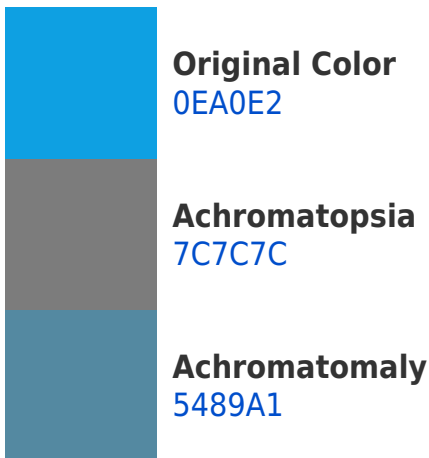


Tritanopia
00A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0EA0E2 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 #0EA0E2 looks like.

```
.text, #text, p{  
    color:#0EA0E2  
}
```

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 #0EA0E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA0E2
}
```

Border

The CSS property to change the border of an element to Hex 0EA0E2 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
#0EA0E2 }
```

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

```
.border{ border-color:#0EA0E2 }
```

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

Here you see how a box with a 4 pixel #0EA0E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA0E2; -webkit-box-shadow:4px 4px  
4px 4px #0EA0E2; box-shadow:4px 4px 4px  
4px #0EA0E2 }
```

Background

The CSS property to change the background color of an element to Hex 0EA0E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA0E2 }
```

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

```
.background{ background-color:#0EA0E2 }
```

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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