

Converting Colors

Hex(0EB3E8)

Have a look what the booklet for
Hex(0EB3E8) contains.

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Color

Hex(0EB3E8)

Conversions

Conversions Part 1

Format	Color
Hex	0EB3E8
RGB	14, 179, 232
RGB Percent	5%, 70%, 91%
CMY	0.9451, 0.2980, 0.0902
CMYK	0.94, 0.23, 0.00, 0.09
HSL	195°, 89%, 48%
HSV	195°, 94%, 91%
XYZ	30.8667, 38.1598, 82.0827
YIQ	135.7070, -115.3530, -18.4970

Conversions

Conversions Part 2

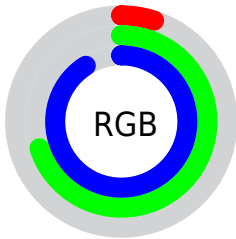
Format	Color
RYB	14, 108, 232
Decimal	963560
CIELab	68.14, -18.98, -36.96
CIELCh	68, 41.549, 242.811
Yxy	38.1598, 0.2043, 0.2525
Android (android.graphics.Color)	4279153640 (0xFF0EB3E8)
YUV	135.7070, 47.4724, -106.7370
Hunter-Lab	61.7736, -18.9119, -35.5410

Details

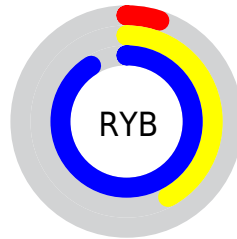
The Hex color **0EB3E8** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **E8430E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6EEBFF**, and **007EB0** is the 20% darker color. If you saturate the color by 10%, you get **00B0E8**, and if you desaturate by 10%, it is **25B9E8**.

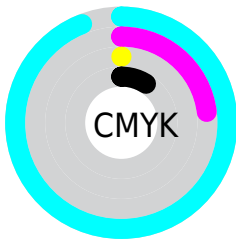
Distribution



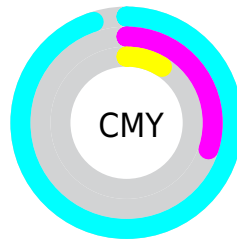
- Red (5%)
- Green (70%)
- Blue (91%)



- Red (5%)
- Yellow (42%)
- Blue (91%)



- Cyan (94%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (95%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EB3E8 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 0EB3E8 by changing the saturation by 10% instead.

 0EB3E8

 0EB3E8

FFFFFF

 0098CC

 6EEBFF

 007EB0

 8FFFFFFF

 006595

 AFFFFFFF

 004D7B

 CFFFFFFF

 003662

 EFFFFFFF

 00224A

 000433

 00021D

 000000

0EB3E8

0EB3E8

00B0E8

25B9E8

3CBEE8

54C4E8

6BCAE8

82CFE8

99D5E8

B0DAE8

C8E0E8

DFE6E8

Harmonies

Analogous

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



00B9CE



0EB3E8



72A9F1

Triad

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



0EB3E8



EC88A4



93B065

Complementary

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



0EB3E8



E8430E

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.



BAA55A



0EB3E8



EC8C7F

Square

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



0EB3E8



D88EC9



D99864



65B783

Rectangle

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



0EB3E8



9CA0EB



D99864



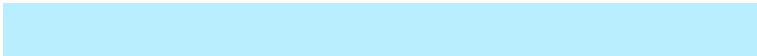
A1AD5F

Sweetspot

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



0EB3E8



B8EEFF



0EE841



547580



000000



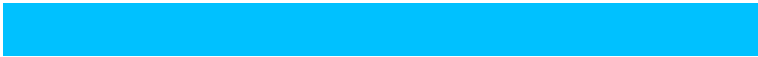
808080

Same Dimension

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



0EB3E8



00C1FF



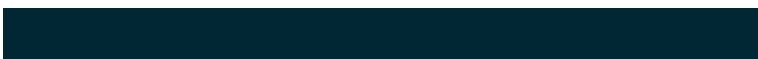
0E48E8



677073



0087B3



002733

Inverse Universe

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



E80EB3



FF00C1



E8AE0E



736770



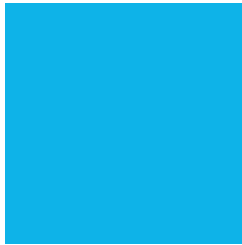
B30087



330027

Previews

White Background



This preview shows how the Hex color 0EB3E8 looks on a white background.

Color Contrast Check

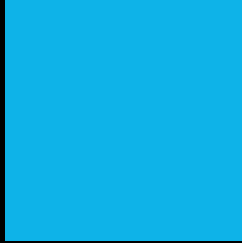
Large Text (above 18pt) WCAG AA × Fail

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 0EB3E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

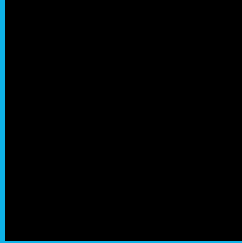
Any Text WCAG AA ✓ Pass

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 0EB3E8 Background



This preview shows how black text looks on a background with the Hex color 0EB3E8.

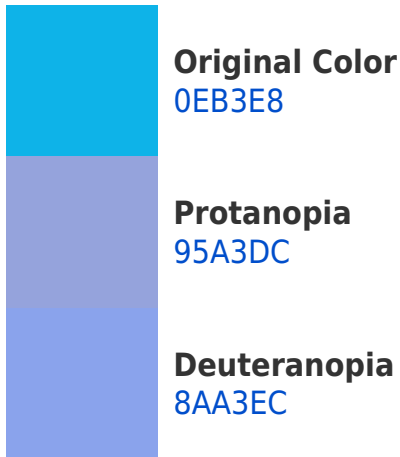


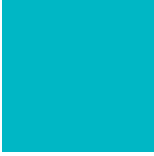
This preview shows how white text looks on a background with the Hex color 0EB3E8.

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](#).

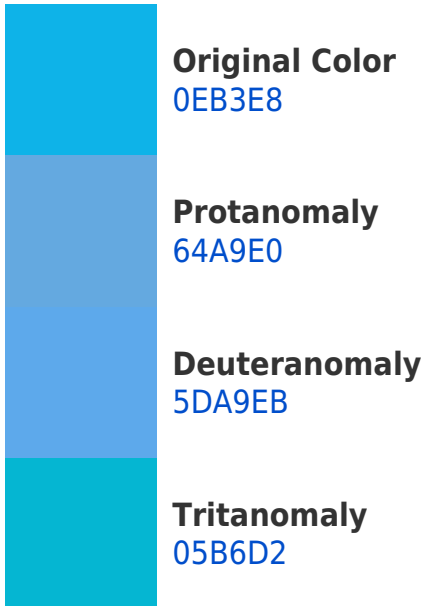
Dichromacy



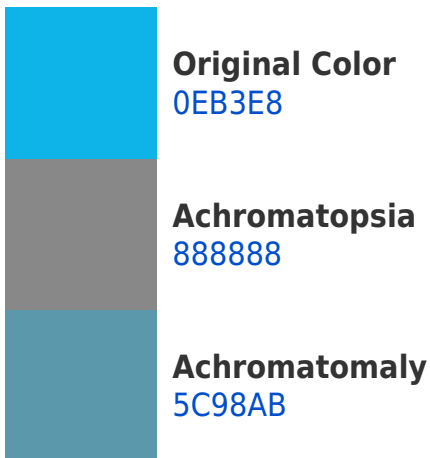


Tritanopia
00B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0EB3E8 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 #0EB3E8 looks like.

```
.text, #text, p{  
    color:#0EB3E8  
}
```

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 #0EB3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB3E8
}
```

Border

The CSS property to change the border of an element to Hex 0EB3E8 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
#0EB3E8 }
```

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

```
.border{ border-color:#0EB3E8 }
```

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

Here you see how a box with a 4 pixel #0EB3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB3E8; -webkit-box-shadow:4px 4px  
4px 4px #0EB3E8; box-shadow:4px 4px 4px  
4px #0EB3E8 }
```

Background

The CSS property to change the background color of an element to Hex 0EB3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB3E8 }
```

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

```
.background{ background-color:#0EB3E8 }
```

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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