

Converting Colors

Hex(0EC7E7)

Have a look what the booklet for
Hex(0EC7E7) contains.

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Color

Hex(0EC7E7)

Conversions

Conversions Part 1

Format	Color
Hex	0EC7E7
RGB	14, 199, 231
RGB Percent	5%, 78%, 91%
CMY	0.9451, 0.2196, 0.0941
CMYK	0.94, 0.14, 0.00, 0.09
HSL	189°, 89%, 48%
HSV	189°, 94%, 91%
XYZ	35.0283, 46.7097, 82.7710
YIQ	147.3330, -120.5320, -29.2680

Conversions

Conversions Part 2

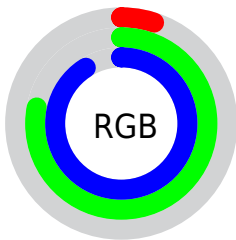
Format	Color
R _Y B	14, 114, 231
Decimal	968679
CIE Lab	74.00, -29.47, -27.35
CIE LCh	74, 40.206, 222.867
Yxy	46.7097, 0.2129, 0.2839
Android (android.graphics.Color)	4279158759 (0xFF0EC7E7)
YUV	147.3330, 41.2478, -116.9330
Hunter-Lab	68.3445, -28.1170, -23.9640

Details

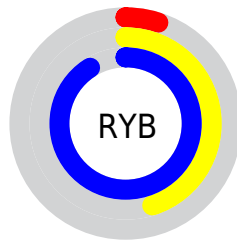
The Hex color **0EC7E7** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E72E0E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **70FFFF**, and **0091AF** is the 20% darker color. If you saturate the color by 10%, you get **00C5E7**, and if you desaturate by 10%, it is **25CAE7**.

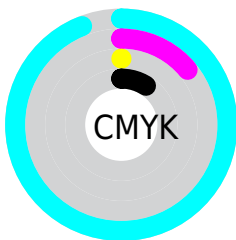
Distribution



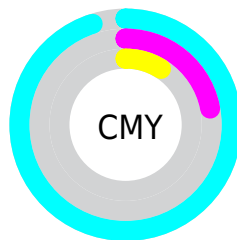
- Red (5%)
- Green (78%)
- Blue (91%)



- Red (5%)
- Yellow (45%)
- Blue (91%)



- Cyan (94%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (95%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EC7E7 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 0EC7E7 by changing the saturation by 10% instead.

 0EC7E7

 0EC7E7

FFFFFF

 00ABCB

 70FFFF

 0091AF

 92FFFF

 007795

 B2FFFF

 005E7B

 D1FFFF

 004662

 F1FFFF

 002F4A

 001933

 00021E

 000000

■ 0EC7E7

■ 0EC7E7

■ 00C5E7

■ 25CAE7

■ 3CCEE7

■ 53D1E7

■ 6AD5E7

■ 82D8E7

■ 99DBE7

■ B0DFE7

■ C7E2E7

■ DEE6E7

Harmonies

Analogous

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



2ECAC5



0EC7E7



59C0FC

Triad

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



0EC7E7



F19CCD



BEB96D

Complementary

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



0EC7E7



E72E0E

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.



E0AC70



0EC7E7



FE99A7

Square

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



0EC7E7



CEA7EC



F7A085



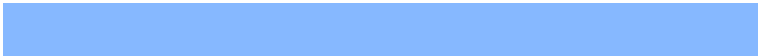
95C27E

Rectangle

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



0EC7E7



86B8FF



F7A085



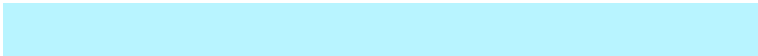
CBB56B

Sweetspot

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



0EC7E7



B8F4FF



0EE72B



547980



000000



808080

Same Dimension

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



0EC7E7



00D9FF



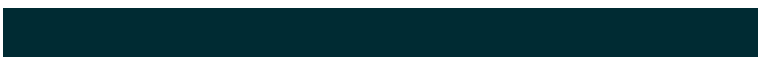
0E5EE7



677173



0098B3



002B33

Inverse Universe

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



E70EC7



FF00D9



E7970E



736771



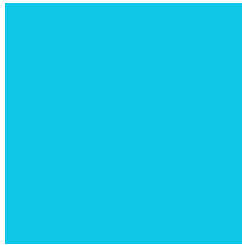
B30098



33002B

Previews

White Background



This preview shows how the Hex color 0EC7E7 looks on a white background.

Color Contrast Check

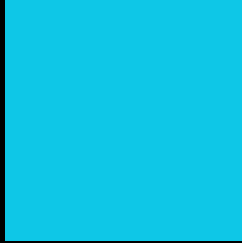
Large Text (above 18pt) WCAG AA × Fail

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 0EC7E7 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 0EC7E7 Background



This preview shows how black text looks on a background with the Hex color 0EC7E7.

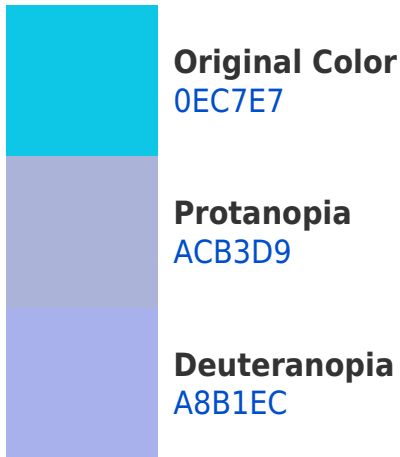


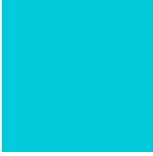
This preview shows how white text looks on a background with the Hex color 0EC7E7.

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
00C9D9

Trichromacy



Original Color
0EC7E7



Protanomaly
73BADE



Deuteranomaly
70B9EA



Tritanomaly
05C8DE

Monochromacy



Original Color
0EC7E7



Achromatopsia
939393



Achromatomaly
63A6B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EC7E7 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 #0EC7E7 looks like.

```
.text, #text, p{  
    color:#0EC7E7  
}
```

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 #0EC7E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EC7E7
}
```

Border

The CSS property to change the border of an element to Hex 0EC7E7 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
#0EC7E7 }
```

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

```
.border{ border-color:#0EC7E7 }
```

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

Here you see how a box with a 4 pixel #0EC7E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EC7E7; -webkit-box-shadow:4px 4px  
4px 4px #0EC7E7; box-shadow:4px 4px 4px  
4px #0EC7E7 }
```

Background

The CSS property to change the background color of an element to Hex 0EC7E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EC7E7 }
```

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

```
.background{ background-color:#0EC7E7 }
```

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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