

Converting Colors

Hex(0AE2E9)

Have a look what the booklet for
Hex(0AE2E9) contains.

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Color

Hex(0AE2E9)

Conversions

Conversions Part 1

Format	Color
Hex	0AE2E9
RGB	10, 226, 233
RGB Percent	4%, 89%, 91%
CMY	0.9608, 0.1137, 0.0863
CMYK	0.96, 0.03, 0.00, 0.09
HSL	182°, 92%, 48%
HSV	182°, 96%, 91%
XYZ	42.0295, 60.3404, 86.5225
YIQ	162.2140, -130.9830, -43.6150

Conversions

Conversions Part 2

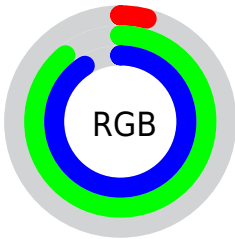
Format	Color
RYB	10, 120, 233
Decimal	713449
CIELab	82.02, -41.59, -16.24
CIELCh	82, 44.645, 201.335
Yxy	60.3404, 0.2225, 0.3194
Android (android.graphics.Color)	4278903529 (0xFF0AE2E9)
YUV	162.2140, 34.8975, -133.4917
Hunter-Lab	77.6791, -39.3582, -11.6645

Details

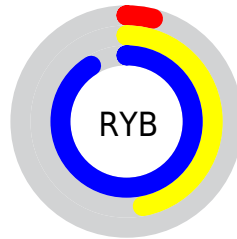
The Hex color **0AE2E9** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E9110A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **73FFFF**, and **00AAB1** is the 20% darker color. If you saturate the color by 10%, you get **00E2E9**, and if you desaturate by 10%, it is **21E3E9**.

Distribution



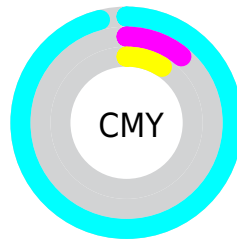
- Red (4%)
- Green (89%)
- Blue (91%)



- Red (4%)
- Yellow (47%)
- Blue (91%)



- Cyan (96%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (96%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Hex color 0AE2E9 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 0AE2E9 by changing the saturation by 10% instead.

 0AE2E9

FFFFFF

 73FFFF

 96FFFF

 B6FFFF

 D7FFFF

 F7FFFF

 0AE2E9

 00C6CD

 00AAB1


 008F97

 00757D

 005B64

 00434C

 002C35

 000F20

 000006

 0AE2E9

 0AE2E9

 00E2E9

 21E3E9

 39E3E9

 50E4E9

 67E5E9

 7EE6E9

 96E6E9

 ADE7E9

 C4E8E9

 DCE9E9

Harmonies

Analogous

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



60E2BE



0AE2E9



1CDEFF

Triad

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



0AE2E9



F5B6FF



F2C579

Complementary

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



0AE2E9



E9110A

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.



FFB78C



0AE2E9



FFACDA

Square

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



0AE2E9



BFC6FF



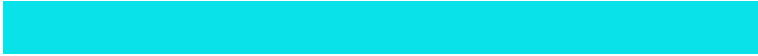
FFADB0



C9D37C

Rectangle

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



0AE2E9



5DD8FF



FFADB0



FEC07D

Sweetspot

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



0AE2E9



B5FDFD



0AE90E



537E80



000000



808080

Same Dimension

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



0AE2E9



00F7FF



0A76E9



6A7575



00AFB5



003436

Inverse Universe

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



E90AE2



FF00F7



E97D0A



756A75



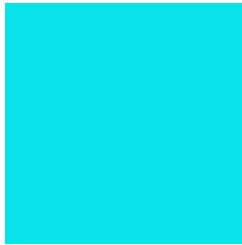
B500AF



360034

Previews

White Background



This preview shows how the Hex color 0AE2E9 looks on a white background.

Color Contrast Check

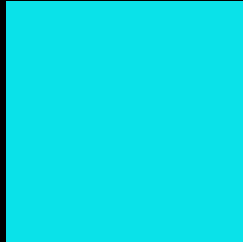
Large Text (above 18pt) WCAG AA × Fail

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 0AE2E9 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 0AE2E9 Background



This preview shows how black text looks on a background with the Hex color 0AE2E9.

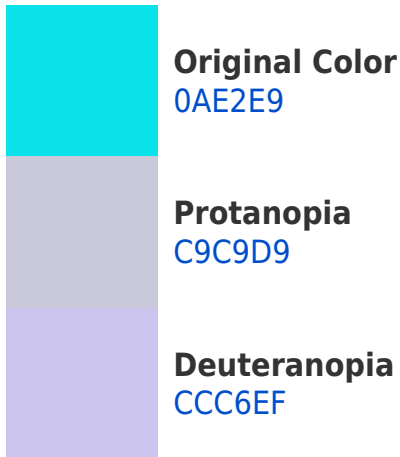


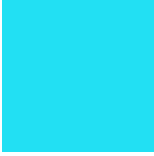
This preview shows how white text looks on a background with the Hex color 0AE2E9.

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



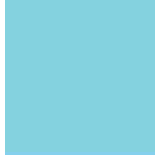


Tritanopia
22E0F3

Trichromacy



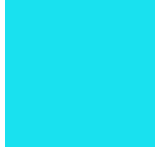
Original Color
0AE2E9



Protanomaly
84D2DF



Deuteranomaly
85D0ED



Tritanomaly
19E1EF

Monochromacy



Original Color
0AE2E9



Achromatopsia
A2A2A2



Achromatomaly
6BB9BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AE2E9 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 #0AE2E9 looks like.

```
.text, #text, p{  
    color:#0AE2E9  
}
```

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 #0AE2E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AE2E9
}
```

Border

The CSS property to change the border of an element to Hex 0AE2E9 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
#0AE2E9 }
```

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

```
.border{ border-color:#0AE2E9 }
```

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

Here you see how a box with a 4 pixel #0AE2E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AE2E9; -webkit-box-shadow:4px 4px  
4px 4px #0AE2E9; box-shadow:4px 4px 4px  
4px #0AE2E9 }
```

Background

The CSS property to change the background color of an element to Hex 0AE2E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AE2E9 }
```

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

```
.background{ background-color:#0AE2E9 }
```

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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