

# Converting Colors

Hex(0AEAFA)

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

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# Color

Hex(0AEEFA)

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 0AEAFA                        |
| RGB         | 10, 234, 250                  |
| RGB Percent | 4%, 92%, 98%                  |
| CMY         | 0.9608, 0.0824, 0.0196        |
| CMYK        | 0.96, 0.06, 0.00, 0.02        |
| HSL         | 184°, 96%, 51%                |
| HSV         | 184°, 96%, 98%                |
| XYZ         | 46.8033, 65.8123, 100.6787    |
| YIQ         | 168.8480, -138.6400, -42.5120 |

# Conversions

## Conversions Part 2

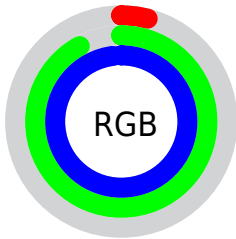
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">10, 126, 250</a>                 |
| Decimal                             | <a href="#">715514</a>                       |
| CIELab                              | <a href="#">84.90, -40.08, -20.88</a>        |
| CIELCh                              | <a href="#">85, 45.193, 207.515</a>          |
| Yxy                                 | <a href="#">65.8123, 0.2194, 0.3086</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4278905594<br/>(0xFF0AEAFA)</a>  |
| YUV                                 | <a href="#">168.8480, 40.0079, -139.3097</a> |
| Hunter-Lab                          | <a href="#">81.1248, -38.9864, -16.7937</a>  |

# Details

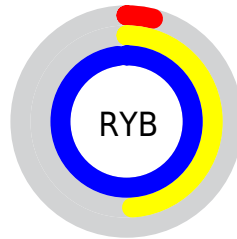
The Hex color **0AEEFA** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FA1A0A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **77FFFF**, and **00B2C2** is the 20% darker color. If you saturate the color by 10%, you get **00E9FA**, and if you desaturate by 10%, it is **23ECFA**.

# Distribution



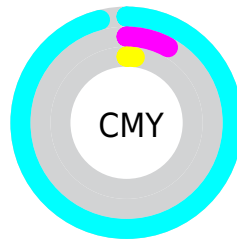
- Red (4%)
- Green (92%)
- Blue (98%)



- Red (4%)
- Yellow (49%)
- Blue (98%)



- Cyan (96%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (96%)
- Magenta (8%)
- Yellow (2%)

# Brightness & Saturation Gradients

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



 0AEEFA

 0AEEFA

FFFFFF

 00CDDD

 77FFFF

 00B2C2

 9AFFFF

 0096A6

 BBFFFF

 007C8C

 DCFFFF

 006272

 FCFFFF

 004A5A

 003242

 001B2C

 000118

 0AEAFA

 0AEAFA

 00E9FA

 23ECFA

 3CEDFA

 55E9FA

 6EF1FA

 87F2FA

 A0F4FA

 B9F6FA

 D2F7FA

 EBF9FA

# Harmonies

## Analogous

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



5AEBCF



0AEAF4



3DE4FF

# Triad

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



0AEAFA



FFBBFF



F3D07E

# Complementary

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



0AEEFA



FA1A0A

# 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.



FFC18D



0AEEFA



FFB3D9

# Square

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



0AEAFA



D4CAFF



FFB6AF



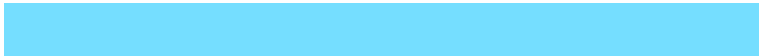
C8DD87

# Rectangle

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



0AEAFA



75DEFF



FFB6AF



FFCB81



# Sweetspot

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



0AEAFA



B5FAFF



0AFA1A



537D80



000000



808080



# Same Dimension

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



0AEAFA



00EEFF



0A72FA



707C7D



00B0BD



00393D



# Inverse Universe

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



FA0AEA



FF00EE



FA920A



7D707C



BD00B0

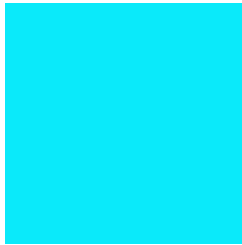


3D0039



# Previews

## White Background



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

## Color Contrast Check

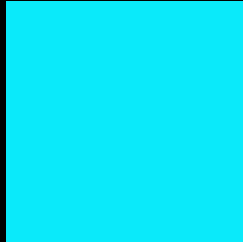
Large Text (above 18pt) WCAG AA × Fail

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 0AEEFA 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 0AEEFA Background



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

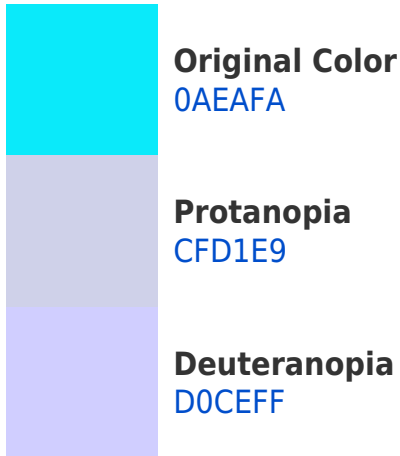


This preview shows how white text looks on a background with the Hex color 0AEEFA.

# 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



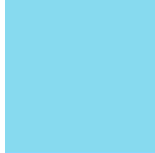


**Tritanopia**  
15EAFD

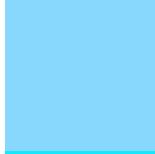
# Trichromacy



**Original Color**  
0AEEFA



**Protanomaly**  
87DAEF



**Deuteranomaly**  
88D8FD

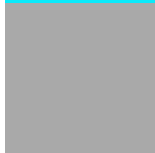


**Tritanomaly**  
11EAFC

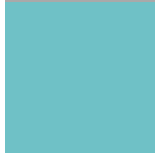
# Monochromacy



**Original Color**  
0AEEFA



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
6FC1C6

# CSS Examples

## Text

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

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

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 #0AEAF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AEAF4
}
```

## Border

The CSS property to change the border of an element to Hex 0AEAF4 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
#0AEAF4 }
```

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

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

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

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

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

# Background

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

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

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

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

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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