

Converting Colors

Hex(00AEEE)

Have a look what the booklet for
Hex(00AEEE) contains.

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Color

Hex(00AEEE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00AEEE |
| RGB | 0, 174, 238 |
| RGB Percent | 0%, 68%, 93% |
| CMY | 1.0000, 0.3176, 0.0667 |
| CMYK | 1.00, 0.27, 0.00, 0.07 |
| HSL | 196°, 100%, 47% |
| HSV | 196°, 100%, 93% |
| XYZ | 30.5687, 36.4452, 86.3124 |
| YIQ | 129.2700, -124.2480, -16.9840 |

Conversions

Conversions Part 2

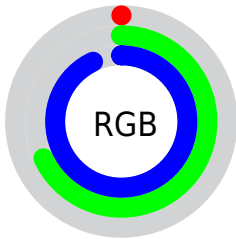
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 101, 238 |
| Decimal | 44782 |
| CIELab | 66.86, -14.58, -42.24 |
| CIELCh | 67, 44.683, 250.957 |
| Yxy | 36.4452, 0.1994, 0.2377 |
| Android (android.graphics.Color) | 4278234862 (0xFF00AEEE) |
| YUV | 129.2700, 53.6039, -113.3698 |
| Hunter-Lab | 60.3698, -15.2625, -42.5097 |

Details

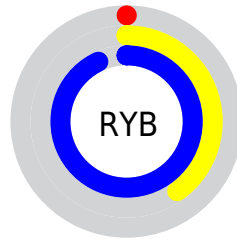
The Hex color **00AEEE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **EE4000**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6DE5FF**, and **007AB6** is the 20% darker color. If you saturate the color by 10%, you get **00AEEE**, and if you desaturate by 10%, it is **18B4EE**.

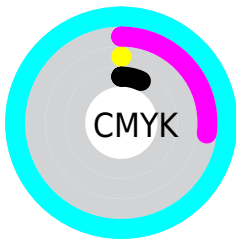
Distribution



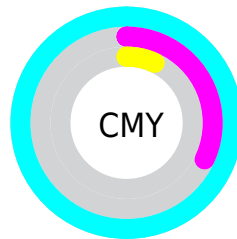
- Red (0%)
- Green (68%)
- Blue (93%)



- Red (0%)
- Yellow (40%)
- Blue (93%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (32%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AEEE 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 00AEEE by changing the saturation by 10% instead.

 00AEEE

 00AEEE

FFFFFF

 0093D2

 6DE5FF

 007AB6

 8EFFFF

 00619B

 AFFFFFF

 004980

 CEFFFF

 003367

 EEEFFF

 001F4E

 000537

 000221

 000006

 00AEEE

 18B4EE

 30BBEE

 47C1EE

 5FC8EE

 77CEEE

 8FD4EE

 A7DBEE

 BEE1EE

 D6E8EE

Harmonies

Analogous

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



00B5D6



00AEEE



7CA2F1

Triad

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



00AEEE



EF8295



81AF64

Complementary

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



00AEEE



EE4000

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.



ADA551



00AEEE



E98970

Square

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



00AEEE



E085BE



D19756



49B687

Rectangle

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



00AEEE



A898E8



D19756



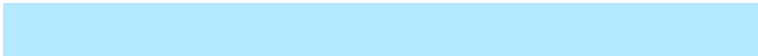
91AC5C

Sweetspot

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



00AEEE



B3EAFF



00EE3F



527380



000000



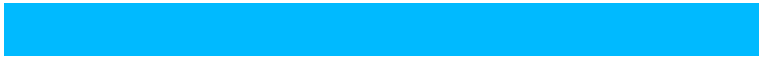
808080

Same Dimension

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



00AEEE



00BAFF



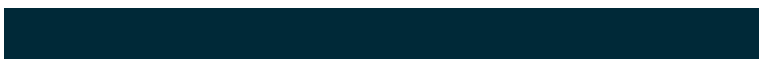
0038EE



6C7578



0086B8



002938

Inverse Universe

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



EE00AE



FF00BA



EEB600



786C75



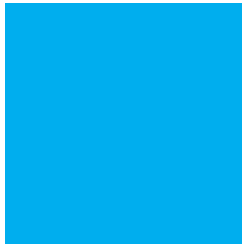
B80086



380029

Previews

White Background



This preview shows how the Hex color 00AEEE looks on a white background.

Color Contrast Check

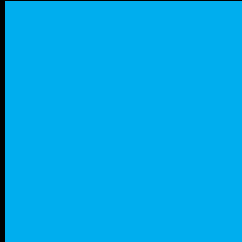
Large Text (above 18pt) WCAG AA × Fail

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 00AEEE 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

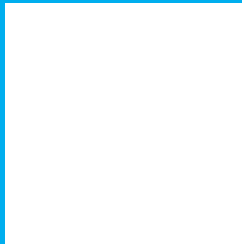
Any Text WCAG AAA ✓ Pass

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

Hex 00AEEE Background



This preview shows how black text looks on a background with the Hex color 00AEEE.

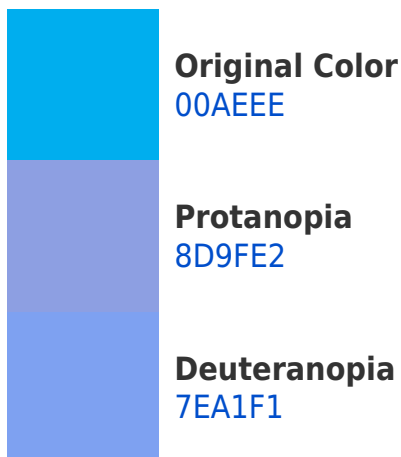


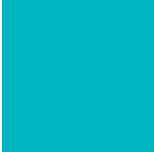
This preview shows how white text looks on a background with the Hex color 00AEEE.

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
00B4C1

Trichromacy



Original Color
00AEEE



Protanomaly
5AA4E6



Deuteranomaly
50A6F0



Tritanomaly
00B2D1

Monochromacy



Original Color
00AEEE



Achromatopsia
818181



Achromatomaly
5291A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AEEE 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 #00AEEE looks like.

```
.text, #text, p{  
    color:#00AEEE  
}
```

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 #00AEEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AEEE
}
```

Border

The CSS property to change the border of an element to Hex 00AEEE 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
#00AEEE }
```

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

```
.border{ border-color:#00AEEE }
```

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

Here you see how a box with a 4 pixel #00AEEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AEEE; -webkit-box-shadow:4px 4px  
4px 4px #00AEEE; box-shadow:4px 4px 4px  
4px #00AEEE }
```

Background

The CSS property to change the background color of an element to Hex 00AEEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AEEE }
```

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

```
.background{ background-color:#00AEEE }
```

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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