

Converting Colors

Hex(00B6EE)

Have a look what the booklet for
Hex(00B6EE) contains.

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Color

Hex(00B6EE)

Conversions

Conversions Part 1

Format	Color
Hex	00B6EE
RGB	0, 182, 238
RGB Percent	0%, 71%, 93%
CMY	1.0000, 0.2863, 0.0667
CMYK	1.00, 0.24, 0.00, 0.07
HSL	194°, 100%, 47%
HSV	194°, 100%, 93%
XYZ	32.1606, 39.6289, 86.8430
YIQ	133.9660, -126.4480, -21.1680

Conversions

Conversions Part 2

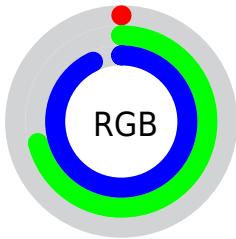
Format	Color
R _{YB}	0, 103, 238
Decimal	46830
CIE Lab	69.20, -18.84, -38.57
CIE LCh	69, 42.929, 243.962
Yxy	39.6289, 0.2027, 0.2498
Android (android.graphics.Color)	4278236910 (0xFF00B6EE)
YUV	133.9660, 51.2888, -117.4882
Hunter-Lab	62.9515, -18.9734, -37.7258

Details

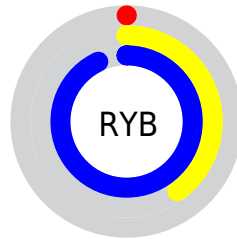
The Hex color **00B6EE** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **EE3800**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6DEEFF**, and **0081B6** is the 20% darker color. If you saturate the color by 10%, you get **00B6EE**, and if you desaturate by 10%, it is **18BCEE**.

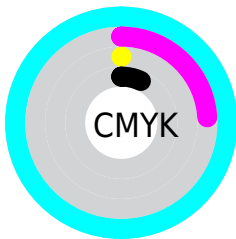
Distribution



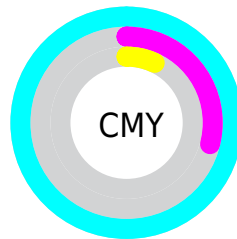
- Red (0%)
- Green (71%)
- Blue (93%)



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



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B6EE 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 00B6EE by changing the saturation by 10% instead.

 00B6EE

 00B6EE

FFFFFF

 009BD2

 6DEEFF

 0081B6

 8FFFFFF

 00689B

 AFFFFFF

 005081

 CFFFFFF

 003967

 EFFFFFF

 00244F

 000538

 000221

 000007

 00B6EE

 18BCEE

 30C1EE

 47C7EE

 5FCCEE

 77D2EE

 8FD8EE

 A7DDEE

 BEE3EE

 D6E8EE

Harmonies

Analogous

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



00BCD3



00B6EE



75ABF6

Triad

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



00B6EE



F289A5



94B367

Complementary

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



00B6EE



EE3800

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.



BCA85A



00B6EE



F18E80

Square

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



00B6EE



DE8FCC



DD9B64



62BA85

Rectangle

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



00B6EE



A1A2F0



DD9B64



A2B060

Sweetspot

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



00B6EE



B3EDFF



00EE38



527580



000000



808080

Same Dimension

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



00B6EE



00C3FF



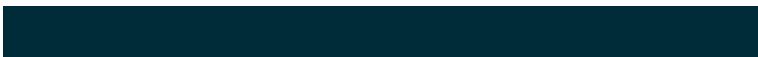
003FEE



6C7578



008CB8



002B38

Inverse Universe

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



EE00B6



FF00C3



EAAF00



786C75



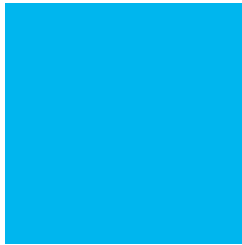
B8008C



38002B

Previews

White Background



This preview shows how the Hex color 00B6EE looks on a white background.

Color Contrast Check

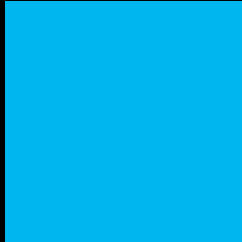
Large Text (above 18pt) WCAG AA × Fail

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 00B6EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

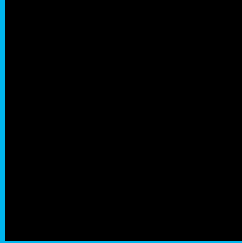
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

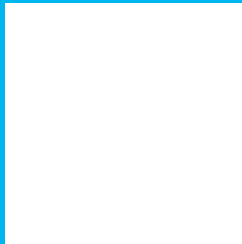
Any Text WCAG AAA ✓ Pass

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

Hex 00B6EE Background



This preview shows how black text looks on a background with the Hex color 00B6EE.

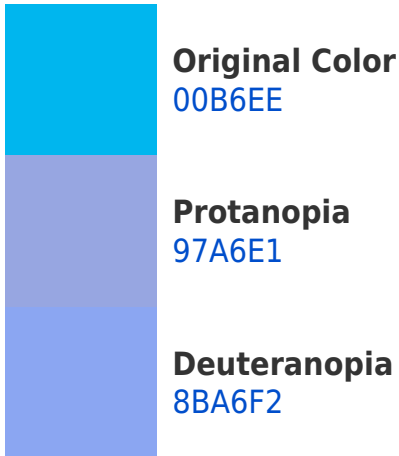


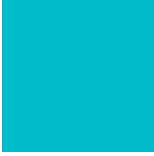
This preview shows how white text looks on a background with the Hex color 00B6EE.

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](#).

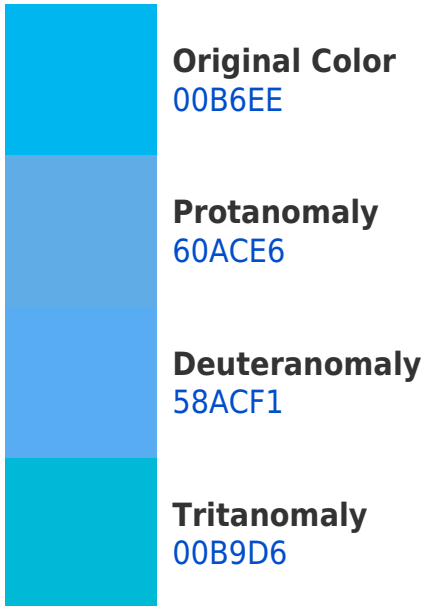
Dichromacy





Tritanopia
00BBC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00B6EE 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 #00B6EE looks like.

```
.text, #text, p{  
    color:#00B6EE  
}
```

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 #00B6EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B6EE
}
```

Border

The CSS property to change the border of an element to Hex 00B6EE 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
#00B6EE }
```

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

```
.border{ border-color:#00B6EE }
```

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

Here you see how a box with a 4 pixel #00B6EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B6EE; -webkit-box-shadow:4px 4px  
4px 4px #00B6EE; box-shadow:4px 4px 4px  
4px #00B6EE }
```

Background

The CSS property to change the background color of an element to Hex 00B6EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B6EE }
```

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

```
.background{ background-color:#00B6EE }
```

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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