

Converting Colors

Hex(00B6EA)

Have a look what the booklet for
Hex(00B6EA) contains.

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Color

Hex(00B6EA)

Conversions

Conversions Part 1

Format	Color
Hex	00B6EA
RGB	0, 182, 234
RGB Percent	0%, 71%, 92%
CMY	1.0000, 0.2863, 0.0824
CMYK	1.00, 0.22, 0.00, 0.08
HSL	193°, 100%, 46%
HSV	193°, 100%, 92%
XYZ	31.5792, 39.3964, 83.7818
YIQ	133.5100, -125.1640, -22.4120

Conversions

Conversions Part 2

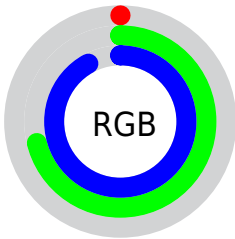
Format	Color
RYB	0, 102, 234
Decimal	46826
CIELab	69.04, -20.24, -36.65
CIELCh	69, 41.870, 241.097
Yxy	39.3964, 0.2041, 0.2546
Android (android.graphics.Color)	4278236906 (0xFF00B6EA)
YUV	133.5100, 49.5416, -117.0883
Hunter-Lab	62.7666, -20.0342, -35.2046

Details

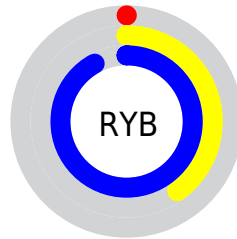
The Hex color **00B6EA** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **EA3400**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6DEEFF**, and **0081B2** is the 20% darker color. If you saturate the color by 10%, you get **00B6EA**, and if you desaturate by 10%, it is **17BBEA**.

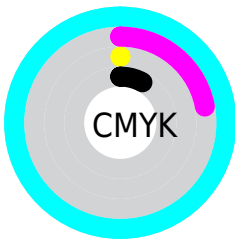
Distribution



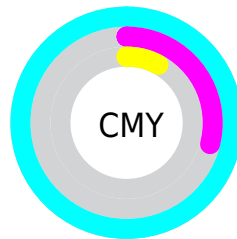
- Red (0%)
- Green (71%)
- Blue (92%)



- Red (0%)
- Yellow (40%)
- Blue (92%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B6EA 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 00B6EA by changing the saturation by 10% instead.

 00B6EA

 00B6EA

FFFFFF

 009BCE

 6DEEFF

 0081B2

 8EFFFF

 006897

 AEFFFF

 00507D


 CEFFFF

 003964

 EDFFFF

 00244C

 000535

 00021F

 000001

 00B6EA

 17BBEA

 2FC0EA

 46C6EA

 5ECBEA

 75D0EA

 8CD5EA

 A4DAEA

 BBE0EA

 D3E5EA

Harmonies

Analogous

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



00BBCE



00B6EA



70ACF4

Triad

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



00B6EA



EF8AA9



98B266

Complementary

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



00B6EA



EA3400

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.



BFA75B



00B6EA



F08E83

Square

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



00B6EA



D991CE



DE9967



69B983

Rectangle

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



00B6EA



9BA3EF



DE9967



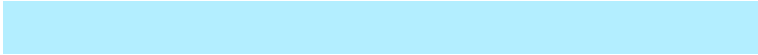
A6AF60

Sweetspot

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



00B6EA



B3EEFF



00EA33



527580



000000



808080

Same Dimension

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



00B6EA



00C6FF



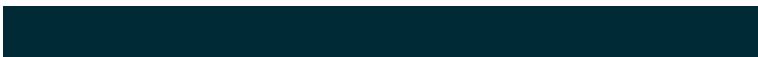
0042EA



6A7375



008DB5



002A36

Inverse Universe

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



EA00B6



FF00C6



EAA800



756A73



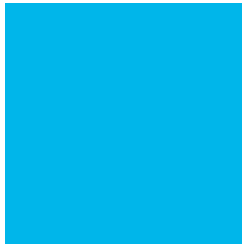
B5008D



36002A

Previews

White Background



This preview shows how the Hex color 00B6EA 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 00B6EA 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 00B6EA Background



This preview shows how black text looks on a background with the Hex color 00B6EA.

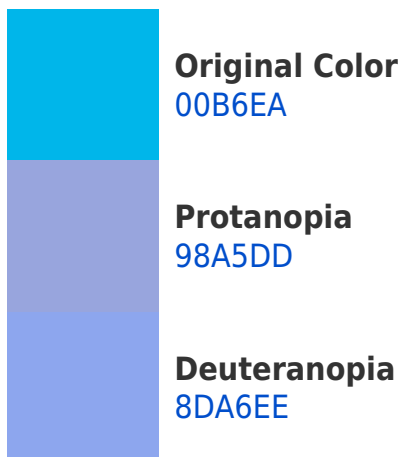


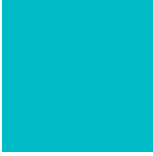
This preview shows how white text looks on a background with the Hex color 00B6EA.

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
00BAC8

Trichromacy



Original Color
00B6EA



Protanomaly
61ABE2



Deuteranomaly
5AACED



Tritanomaly
00B9D4

Monochromacy



Original Color
00B6EA



Achromatopsia
868686



Achromatomaly
5597AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B6EA 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 #00B6EA looks like.

```
.text, #text, p{  
    color:#00B6EA  
}
```

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 #00B6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B6EA
}
```

Border

The CSS property to change the border of an element to Hex 00B6EA 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
#00B6EA }
```

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

```
.border{ border-color:#00B6EA }
```

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

Here you see how a box with a 4 pixel #00B6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B6EA; -webkit-box-shadow:4px 4px  
4px 4px #00B6EA; box-shadow:4px 4px 4px  
4px #00B6EA }
```

Background

The CSS property to change the background color of an element to Hex 00B6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B6EA }
```

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

```
.background{ background-color:#00B6EA }
```

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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