

Converting Colors

Hex(00B9ED)

Have a look what the booklet for
Hex(00B9ED) contains.

Hex(00B9ED)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00B9ED)

Conversions

Conversions Part 1

Format	Color
Hex	00B9ED
RGB	0, 185, 237
RGB Percent	0%, 73%, 93%
CMY	1.0000, 0.2745, 0.0706
CMYK	1.00, 0.22, 0.00, 0.07
HSL	193°, 100%, 46%
HSV	193°, 100%, 93%
XYZ	32.6350, 40.8123, 86.2783
YIQ	135.6130, -126.9520, -23.0480

Conversions

Conversions Part 2

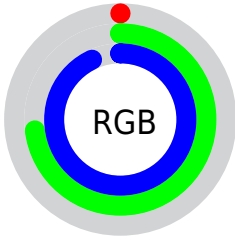
Format	Color
RYB	0, 104, 237
Decimal	47597
CIELab	70.04, -20.76, -36.72
CIElCh	70, 42.183, 240.520
Yxy	40.8123, 0.2043, 0.2555
Android (android.graphics.Color)	4278237677 (0xFF00B9ED)
YUV	135.6130, 49.9838, -118.9326
Hunter-Lab	63.8845, -20.6123, -35.3540

Details

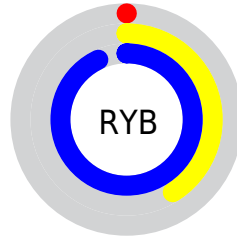
The Hex color **00B9ED** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **ED3400**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6DF1FF**, and **0084B5** is the 20% darker color. If you saturate the color by 10%, you get **00B9ED**, and if you desaturate by 10%, it is **18BEED**.

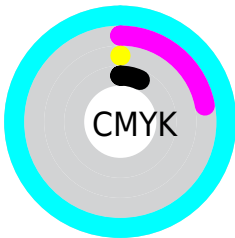
Distribution



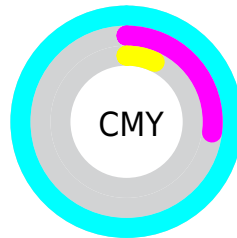
- Red (0%)
- Green (73%)
- Blue (93%)



- Red (0%)
- Yellow (41%)
- Blue (93%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00B9ED 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 00B9ED by changing the saturation by 10% instead.

 00B9ED

 00B9ED

FFFFFF

 009ED1

 6DF1FF

 0084B5

 8FFFFFF

 006B9A

 AFFFFFF

 005280

 CFFFFFF

 003B66

 EFFFFFF

 00264E

 000537

 000221

 000006

 00B9ED

 18BEED

 2FC3ED

 47C9ED

 5FCEED

 76D3ED

 8ED8ED

 A6DDED

 BEE3ED

 D5E8ED

Harmonies

Analogous

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



00BED1



00B9ED



71AFF7

Triad

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



00B9ED



F28DAC



9BB467

Complementary

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



00B9ED



ED3400

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.



C3A95D



00B9ED



F39086

Square

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



00B9ED



DC94D2



E29C69



6CBC84

Rectangle

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



00B9ED



9DA6F3



E29C69



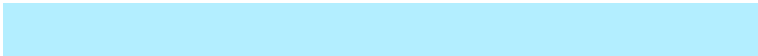
A9B162

Sweetspot

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



00B9ED



B3EEFF



00ED33



527580



000000



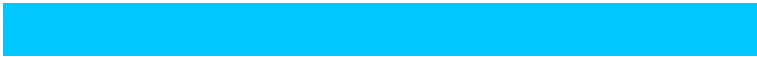
808080

Same Dimension

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



00B9ED



00C7FF



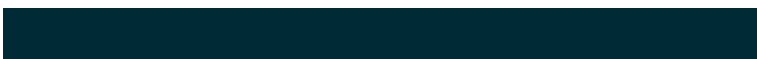
0043ED



6A7375



008DB5



002A36

Inverse Universe

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



ED00B9



FF00C7



EDAA00



756A73



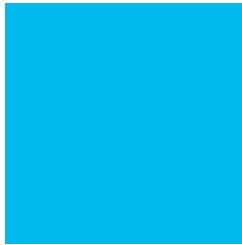
B5008D



36002A

Previews

White Background



This preview shows how the Hex color 00B9ED 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 00B9ED 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 00B9ED Background



This preview shows how black text looks on a background with the Hex color 00B9ED.

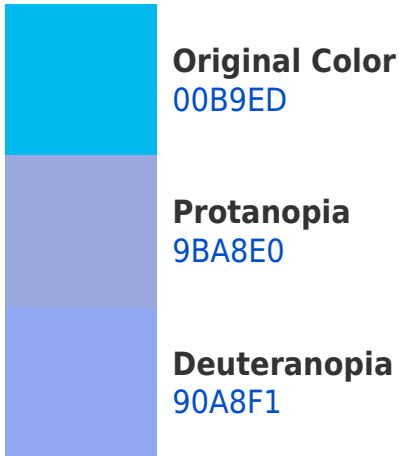


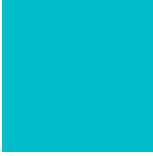
This preview shows how white text looks on a background with the Hex color 00B9ED.

Color Blindness Simulation

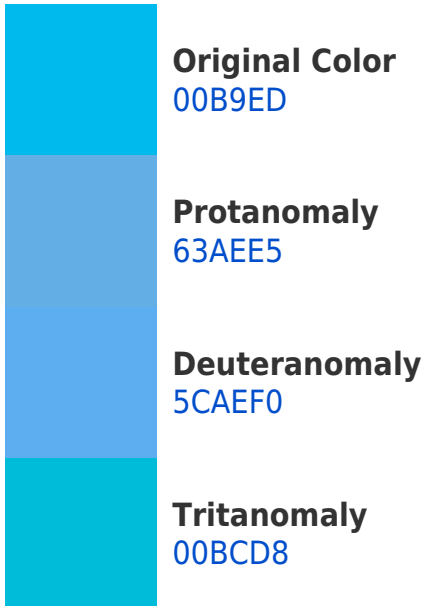
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00B9ED 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 #00B9ED looks like.

```
.text, #text, p{  
    color:#00B9ED  
}
```

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 #00B9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B9ED
}
```

Border

The CSS property to change the border of an element to Hex 00B9ED 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
#00B9ED }
```

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

```
.border{ border-color:#00B9ED }
```

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

Here you see how a box with a 4 pixel #00B9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B9ED; -webkit-box-shadow:4px 4px  
4px 4px #00B9ED; box-shadow:4px 4px 4px  
4px #00B9ED }
```

Background

The CSS property to change the background color of an element to Hex 00B9ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B9ED }
```

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

```
.background{ background-color:#00B9ED }
```

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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