

Converting Colors

Hex(00BBE9)

Have a look what the booklet for
Hex(00BBE9) contains.

Hex(00BBE9)	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(00BBE9)

Conversions

Conversions Part 1

Format	Color
Hex	00BBE9
RGB	0, 187, 233
RGB Percent	0%, 73%, 91%
CMY	1.0000, 0.2667, 0.0863
CMYK	1.00, 0.20, 0.00, 0.09
HSL	192°, 100%, 46%
HSV	192°, 100%, 91%
XYZ	32.4783, 41.4238, 83.3746
YIQ	136.3310, -126.2180, -25.3380

Conversions

Conversions Part 2

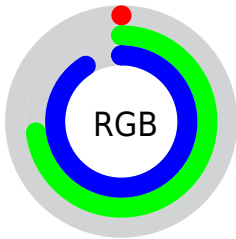
Format	Color
RYB	0, 104, 233
Decimal	48105
CIELab	70.47, -23.16, -33.88
CIELCh	70, 41.045, 235.643
Yxy	41.4238, 0.2065, 0.2634
Android (android.graphics.Color)	4278238185 (0xFF00BBE9)
YUV	136.3310, 47.6578, -119.5623
Hunter-Lab	64.3614, -22.5569, -31.7522

Details

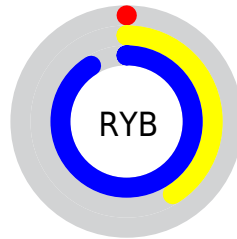
The Hex color **00BBE9** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E92E00**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6DF3FF**, and **0086B1** is the 20% darker color. If you saturate the color by 10%, you get **00BBE9**, and if you desaturate by 10%, it is **17C0E9**.

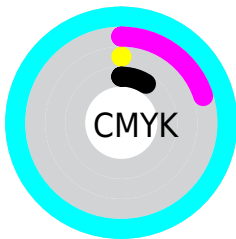
Distribution



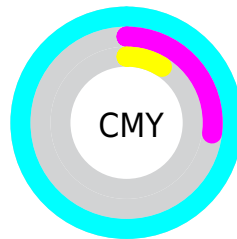
- Red (0%)
- Green (73%)
- Blue (91%)



- Red (0%)
- Yellow (41%)
- Blue (91%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BBE9 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 00BBE9 by changing the saturation by 10% instead.

 00BBE9

 00BBE9

FFFFFF

 00A0CD

 6DF3FF

 0086B1

 8EFFFF

 006C96

 AFFFFFF

 00547C

 CEFFFF

 003C63

 EEEFFF

 00274B

 000834

 00021E

 000001

 00BBE9

 17C0E9

 2FC4E9

 46C9E9

 5DCDE9

 75D2E9

 8CD7E9

 A3DBE9

 BAE0E9

 D2E4E9

Harmonies

Analogous

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



00C0CB



00BBE9



69B2F6

Triad

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



00BBE9



F08FB3



A4B467

Complementary

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



00BBE9



E92E00

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.



C9A861



00BBE9



F4918E

Square

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



00BBE9



D697D7



E69B70



78BC81

Rectangle

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



00BBE9



95A9F4



E69B70



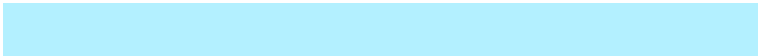
B1B063

Sweetspot

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



00BBE9



B3FOFF



00E92B



527680



000000



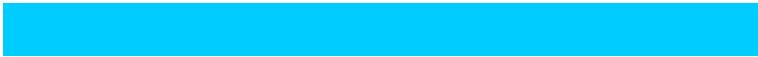
808080

Same Dimension

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



00BBE9



00CDFE



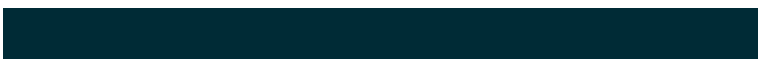
004AE9



6A7375



0091B5



002B36

Inverse Universe

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



E900BB



FF00CD



E99F00



756A73



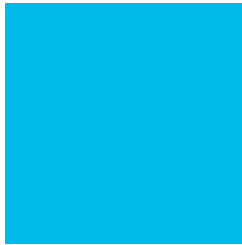
B50091



36002B

Previews

White Background



This preview shows how the Hex color 00BBE9 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 00BBE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

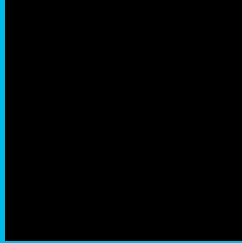
Any Text WCAG AA ✓ Pass

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 00BBE9 Background



This preview shows how black text looks on a background with the Hex color 00BBE9.

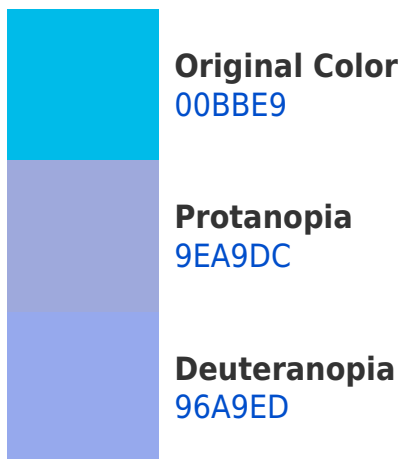


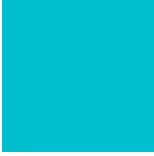
This preview shows how white text looks on a background with the Hex color 00BBE9.

Color Blindness Simulation

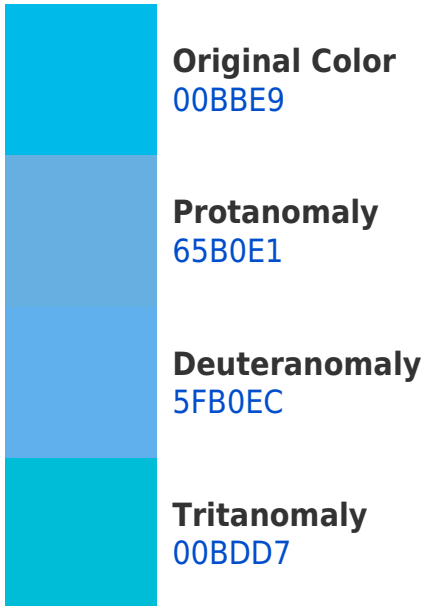
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00BBE9 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 #00BBE9 looks like.

```
.text, #text, p{  
    color:#00BBE9  
}
```

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 #00BBE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BBE9
}
```

Border

The CSS property to change the border of an element to Hex 00BBE9 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
#00BBE9 }
```

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

```
.border{ border-color:#00BBE9 }
```

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

Here you see how a box with a 4 pixel #00BBE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BBE9; -webkit-box-shadow:4px 4px  
4px 4px #00BBE9; box-shadow:4px 4px 4px  
4px #00BBE9 }
```

Background

The CSS property to change the background color of an element to Hex 00BBE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BBE9 }
```

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

```
.background{ background-color:#00BBE9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor