

Converting Colors

Hex(00B9E9)

Have a look what the booklet for
Hex(00B9E9) contains.

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Color

Hex(00B9E9)

Conversions

Conversions Part 1

Format	Color
Hex	00B9E9
RGB	0, 185, 233
RGB Percent	0%, 73%, 91%
CMY	1.0000, 0.2745, 0.0863
CMYK	1.00, 0.21, 0.00, 0.09
HSL	192°, 100%, 46%
HSV	192°, 100%, 91%
XYZ	32.0569, 40.5811, 83.2342
YIQ	135.1570, -125.6680, -24.2920

Conversions

Conversions Part 2

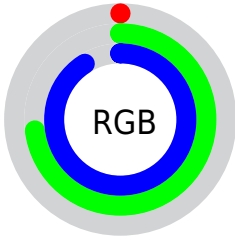
Format	Color
RYB	0, 103, 233
Decimal	47593
CIELab	69.88, -22.14, -34.80
CIELCh	70, 41.243, 237.538
Yxy	40.5811, 0.2057, 0.2603
Android (android.graphics.Color)	4278237673 (0xFF00B9E9)
YUV	135.1570, 48.2366, -118.5327
Hunter-Lab	63.7033, -21.6556, -32.8754

Details

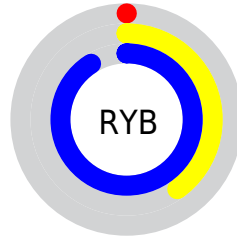
The Hex color **00B9E9** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **E93000**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6DF1FF**, and **0084B1** is the 20% darker color. If you saturate the color by 10%, you get **00B9E9**, and if you desaturate by 10%, it is **17BEE9**.

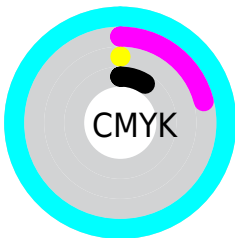
Distribution



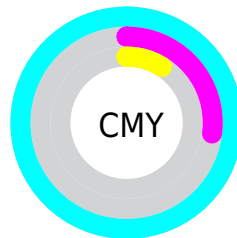
- Red (0%)
- Green (73%)
- Blue (91%)



- Red (0%)
- Yellow (40%)
- Blue (91%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00B9E9 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 00B9E9 by changing the saturation by 10% instead.

 00B9E9

 00B9E9

FFFFFF

 009ECD

 6DF1FF

 0084B1

 8EFFFF

 006A96

 AEFFFF

 00527C

 CEFFFF

 003B63

 EEEFFF

 00254B

 000434

 00021E

 000000

 00B9E9

 17BEE9

 2FC3E9

 46C7E9

 5DCCE9

 75D1E9

 8CD6E9

 A3DBE9

 BADFE9

 D2E4E9

Harmonies

Analogous

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



00BECC



00B9E9



6BAFF5

Triad

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



00B9E9



EF8DAF



9FB367

Complementary

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



00B9E9



E93000

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.



C5A85F



00B9E9



F2908A

Square

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



00B9E9



D795D3



E39A6D



73BB81

Rectangle

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



00B9E9



97A7F2



E39A6D



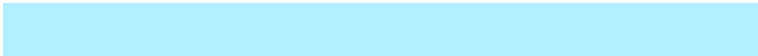
ADAF62

Sweetspot

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



00B9E9



B3EFFF



00E92F



527680



000000



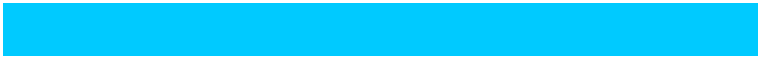
808080

Same Dimension

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



00B9E9



00CAFF



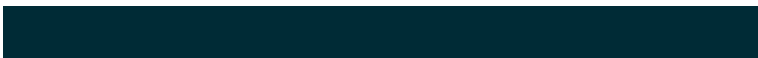
0046E9



6A7375



0090B5



002B36

Inverse Universe

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



E900B9



FF00CA



E9A300



756A73



B50090



36002B

Previews

White Background



This preview shows how the Hex color 00B9E9 looks on a white background.

Color Contrast Check

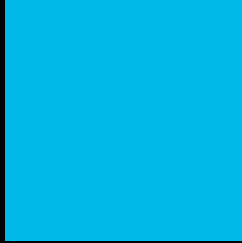
Large Text (above 18pt) WCAG AA × Fail

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 00B9E9 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 00B9E9 Background



This preview shows how black text looks on a background with the Hex color 00B9E9.

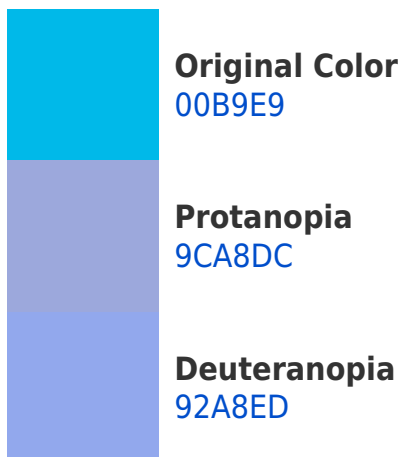


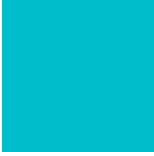
This preview shows how white text looks on a background with the Hex color 00B9E9.

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
00BDCB

Trichromacy



Original Color
00B9E9



Protanomaly
63AEE1



Deuteranomaly
5DAEEC



Tritanomaly
00BCD6

Monochromacy



Original Color
00B9E9



Achromatopsia
878787



Achromatomaly
5699AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B9E9 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 #00B9E9 looks like.

```
.text, #text, p{  
    color:#00B9E9  
}
```

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 #00B9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B9E9
}
```

Border

The CSS property to change the border of an element to Hex 00B9E9 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
#00B9E9 }
```

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

```
.border{ border-color:#00B9E9 }
```

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

Here you see how a box with a 4 pixel #00B9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B9E9; -webkit-box-shadow:4px 4px  
4px 4px #00B9E9; box-shadow:4px 4px 4px  
4px #00B9E9 }
```

Background

The CSS property to change the background color of an element to Hex 00B9E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B9E9 }
```

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

```
.background{ background-color:#00B9E9 }
```

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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