

Converting Colors

Hex(00B9DF)

Have a look what the booklet for
Hex(00B9DF) contains.

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Color

Hex(00B9DF)

Conversions

Conversions Part 1

Format	Color
Hex	00B9DF
RGB	0, 185, 223
RGB Percent	0%, 73%, 87%
CMY	1.0000, 0.2745, 0.1255
CMYK	1.00, 0.17, 0.00, 0.13
HSL	190°, 100%, 44%
HSV	190°, 100%, 87%
XYZ	30.6682, 40.0256, 75.9214
YIQ	134.0170, -122.4580, -27.4020

Conversions

Conversions Part 2

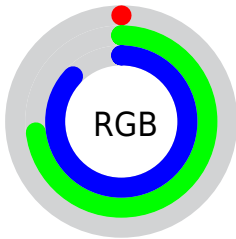
Format	Color
RYB	0, 101, 223
Decimal	47583
CIELab	69.49, -25.54, -29.96
CIELCh	69, 39.367, 229.551
Yxy	40.0256, 0.2092, 0.2730
Android (android.graphics.Color)	4278237663 (0xFF00B9DF)
YUV	134.0170, 43.8686, -117.5329
Hunter-Lab	63.2658, -24.1869, -26.8642

Details

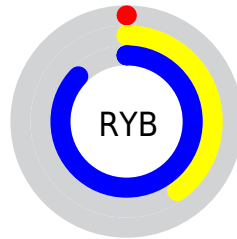
The Hex color **00B9DF** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DF2600**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6BF1FF**, and **0084A8** is the 20% darker color. If you saturate the color by 10%, you get **00B9DF**, and if you desaturate by 10%, it is **16BDDF**.

Distribution



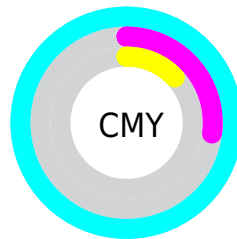
- Red (0%)
- Green (73%)
- Blue (87%)



- Red (0%)
- Yellow (40%)
- Blue (87%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B9DF 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 00B9DF by changing the saturation by 10% instead.

 00B9DF

 00B9DF

FFFFFF

 009EC3


 6BF1FF

 0084A8

 8CFFFF

 006A8D

 ACFFFF

 005273

 CBFFFF

 003A5B

 EBFFFF

 002543

 00032D

 000117

 000000

 00B9DF

 16BDDF

 2DC1DF

 43C4DF

 59C8DF

 70CCDF

 86D0DF

 9CD4DF

 B2D7DF

 C9DBDF

Harmonies

Analogous

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



02BDC0



00B9DF



5DB1EF

Triad

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



00B9DF



E78FB8



A9AF65

Complementary

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



00B9DF



DF2600

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.



CCA363



00B9DF



EF8F94

Square

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



00B9DF



CA98D8



E59775



81B77A

Rectangle

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



00B9DF



88A9F0



E59775



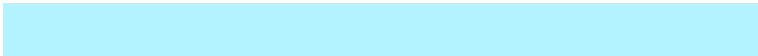
B6AB62

Sweetspot

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



00B9DF



B3F2FF



00DF25



527880



000000



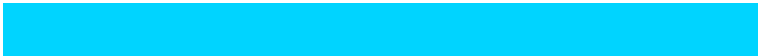
808080

Same Dimension

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



00B9DF



00D4FF



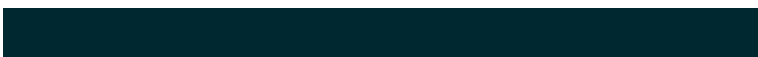
004ADF



656E70



0092B0



002830

Inverse Universe

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



DF00B9



FF00D4



DF9500



70656E



B00092



300028

Previews

White Background



This preview shows how the Hex color 00B9DF 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 00B9DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

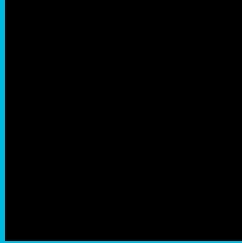
Any Text WCAG AA ✓ Pass

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 00B9DF Background



This preview shows how black text looks on a background with the Hex color 00B9DF.

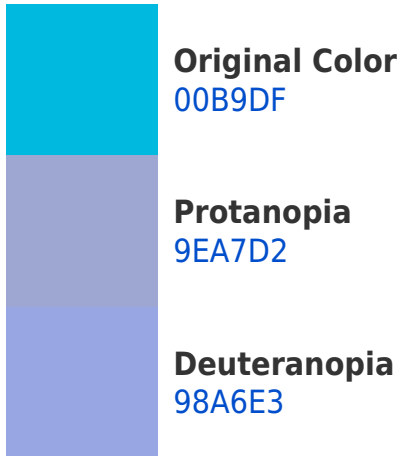


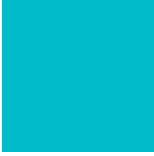
This preview shows how white text looks on a background with the Hex color 00B9DF.

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
00BBCA

Trichromacy



Original Color
00B9DF



Protanomaly
65AED7



Deuteranomaly
61ADE2



Tritanomaly
00BAD2

Monochromacy



Original Color
00B9DF



Achromatopsia
868686



Achromatomaly
5599A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B9DF 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 #00B9DF looks like.

```
.text, #text, p{  
    color:#00B9DF  
}
```

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 #00B9DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B9DF
}
```

Border

The CSS property to change the border of an element to Hex 00B9DF 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
#00B9DF }
```

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

```
.border{ border-color:#00B9DF }
```

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

Here you see how a box with a 4 pixel #00B9DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B9DF; -webkit-box-shadow:4px 4px  
4px 4px #00B9DF; box-shadow:4px 4px 4px  
4px #00B9DF }
```

Background

The CSS property to change the background color of an element to Hex 00B9DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B9DF }
```

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

```
.background{ background-color:#00B9DF }
```

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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