

Converting Colors

Hex(00B6DB)

Have a look what the booklet for
Hex(00B6DB) contains.

Hex(00B6DB)	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(00B6DB)

Conversions

Conversions Part 1

Format	Color
Hex	00B6DB
RGB	0, 182, 219
RGB Percent	0%, 71%, 86%
CMY	1.0000, 0.2863, 0.1412
CMYK	1.00, 0.17, 0.00, 0.14
HSL	190°, 100%, 43%
HSV	190°, 100%, 86%
XYZ	29.5141, 38.5704, 72.9071
YIQ	131.8000, -120.3490, -27.0770

Conversions

Conversions Part 2

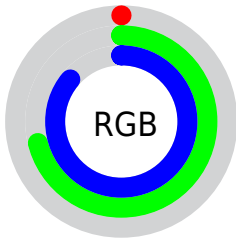
Format	Color
RYB	0, 99, 219
Decimal	46811
CIELab	68.44, -25.38, -29.39
CIELCh	68, 38.827, 229.189
Yxy	38.5704, 0.2093, 0.2736
Android (android.graphics.Color)	4278236891 (0xFF00B6DB)
YUV	131.8000, 42.9896, -115.5886
Hunter-Lab	62.1050, -23.8554, -26.1289

Details

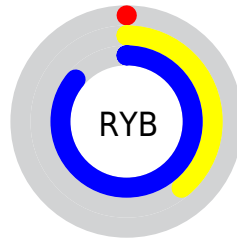
The Hex color **00B6DB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DB2500**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6AEFF**, and **0081A4** is the 20% darker color. If you saturate the color by 10%, you get **00B6DB**, and if you desaturate by 10%, it is **16BADB**.

Distribution



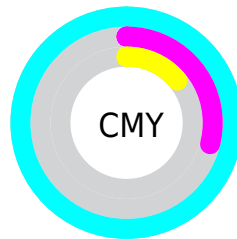
- Red (0%)
- Green (71%)
- Blue (86%)



- Red (0%)
- Yellow (39%)
- Blue (86%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B6DB 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 00B6DB by changing the saturation by 10% instead.

 00B6DB

 00B6DB

FFFFFF

 009BBF

 6AEFF

 0081A4

 8BFFF

 006789

 ABFFF

 004F70

 CAFFF

 003857

 E9FFF

 002340

 00032A

 000114

 000000

 00B6DB

 16BADB

 2CBDDB

 42C1DB

 58C5DB

 6EC9DB

 83CCDB

 99D0DB

 AFD4DB

 C5D7DB

Harmonies

Analogous

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



05B9BD



00B6DB



5BAEEB

Triad

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



00B6DB



E38DB5



A7AC63

Complementary

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



00B6DB



DB2500

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.



C9A062



00B6DB



EB8C92

Square

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



00B6DB



C696D5



E19473



7FB478

Rectangle

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



00B6DB



85A7EC



E19473



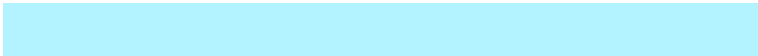
B3A860

Sweetspot

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



00B6DB



B3F2FF



00DB24



527880



000000



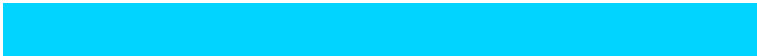
808080

Same Dimension

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



00B6DB



00D4FF



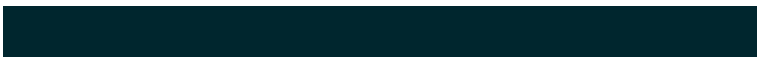
0049DB



636C6E



0090AD



00262E

Inverse Universe

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



DB00B6



FF00D4



DB9200



6E636C



AD0090



2E0026

Previews

White Background



This preview shows how the Hex color 00B6DB looks on a white background.

Color Contrast Check

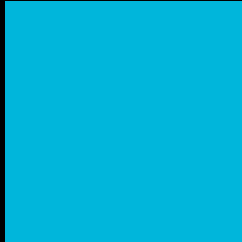
Large Text (above 18pt) WCAG AA × Fail

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 00B6DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

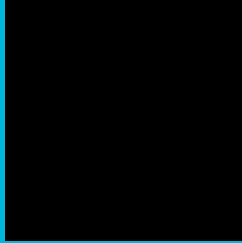
Any Text WCAG AA ✓ Pass

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 00B6DB Background



This preview shows how black text looks on a background with the Hex color 00B6DB.

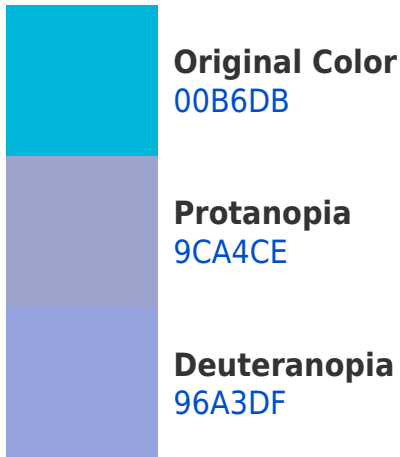


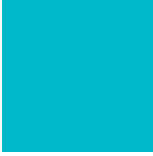
This preview shows how white text looks on a background with the Hex color 00B6DB.

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
00B8C7

Trichromacy



Original Color
00B6DB



Protanomaly
63ABD3



Deuteranomaly
5FAADE



Tritanomaly
00B7CE

Monochromacy



Original Color
00B6DB



Achromatopsia
848484



Achromatomaly
5496A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B6DB 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 #00B6DB looks like.

```
.text, #text, p{  
    color:#00B6DB  
}
```

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 #00B6DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B6DB
}
```

Border

The CSS property to change the border of an element to Hex 00B6DB 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
#00B6DB }
```

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

```
.border{ border-color:#00B6DB }
```

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

Here you see how a box with a 4 pixel #00B6DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B6DB; -webkit-box-shadow:4px 4px  
4px 4px #00B6DB; box-shadow:4px 4px 4px  
4px #00B6DB }
```

Background

The CSS property to change the background color of an element to Hex 00B6DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B6DB }
```

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

```
.background{ background-color:#00B6DB }
```

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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