

Converting Colors

Hex(00BFDB)

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

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Color

Hex(00BFDB)

Conversions

Conversions Part 1

Format	Color
Hex	00BFDB
RGB	0, 191, 219
RGB Percent	0%, 75%, 86%
CMY	1.0000, 0.2510, 0.1412
CMYK	1.00, 0.13, 0.00, 0.14
HSL	188°, 100%, 43%
HSV	188°, 100%, 86%
XYZ	31.4170, 42.3761, 73.5414
YIQ	137.0830, -122.8240, -31.7840

Conversions

Conversions Part 2

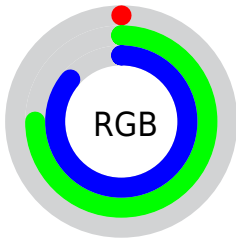
Format	Color
RYB	0, 102, 219
Decimal	49115
CIELab	71.13, -29.85, -25.25
CIELCh	71, 39.098, 220.234
Yxy	42.3761, 0.2132, 0.2876
Android (android.graphics.Color)	4278239195 (0xFF00BFDB)
YUV	137.0830, 40.3851, -120.2218
Hunter-Lab	65.0969, -27.7722, -21.4134

Details

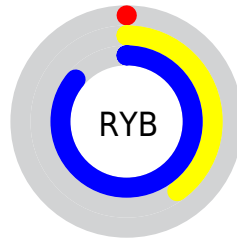
The Hex color **00BFDB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DB1C00**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6BF8FF**, and **0089A4** is the 20% darker color. If you saturate the color by 10%, you get **00BFDB**, and if you desaturate by 10%, it is **16C2DB**.

Distribution



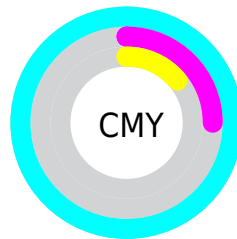
- Red (0%)
- Green (75%)
- Blue (86%)



- Red (0%)
- Yellow (40%)
- Blue (86%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 00BFDB

 00BFDB

FFFFFF

 00A4BF


 6BF8FF

 0089A4

 8CFFFF

 006F8A

 ACFFFF

 005770

 CBFFFF

 003F58

 EBFFFF

 002940

 000B2A

 000115

 000000

 00BFDB

 16C2DB

 2CC5DB

 42C7DB

 58CADB

 6ECDDB

 83D0DB

 99D3DB

 AFD5DB

 C5D8DB

Harmonies

Analogous

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



2FC1BA



00BFDB



4EB8F0

Triad

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



00BFDB



E596C7



B9B067

Complementary

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



00BFDB



DB1C00

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.



DAA46B



00BFDB



F392A3

Square

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



00BFDB



C2A0E5



EE9882



92B976

Rectangle

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



00BFDB



7AB2F5



EE9882



C5AC66

Sweetspot

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



00BFDB



B3F5FF



00DB1A



527A80



000000



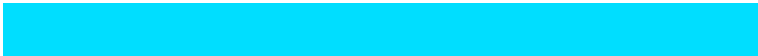
808080

Same Dimension

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



00BFDB



00DEFF



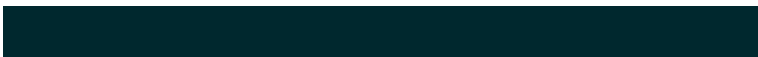
0054DB



636C6E



0097AD



00282E

Inverse Universe

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



DB00BF



FF00DE



DB8700



6E636C



AD0097



2E0028

Previews

White Background



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

Color Contrast Check

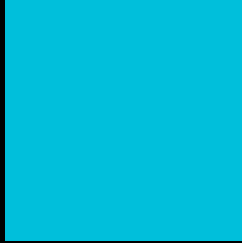
Large Text (above 18pt) WCAG AA × Fail

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 00BFDB 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 00BFDB Background



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

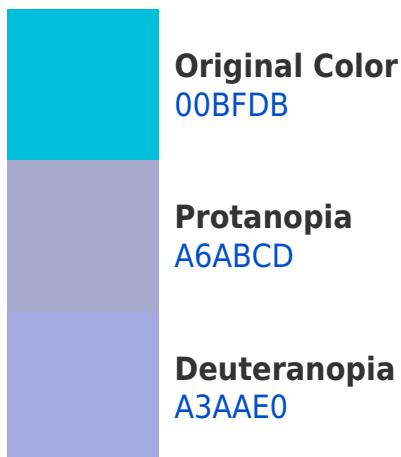


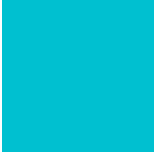
This preview shows how white text looks on a background with the Hex color 00BFDB.

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
00C0D0

Trichromacy



Original Color
00BFDB



Protanomaly
6AB2D2



Deuteranomaly
68B2DE



Tritanomaly
00C0D4

Monochromacy



Original Color
00BFDB



Achromatopsia
898989



Achromatomaly
579DA7

CSS Examples

Text

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

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

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 #00BFDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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