

Converting Colors

Hex(00B6DC)

Have a look what the booklet for
Hex(00B6DC) contains.

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Color

Hex(00B6DC)

Conversions

Conversions Part 1

Format	Color
Hex	00B6DC
RGB	0, 182, 220
RGB Percent	0%, 71%, 86%
CMY	1.0000, 0.2863, 0.1373
CMYK	1.00, 0.17, 0.00, 0.14
HSL	190°, 100%, 43%
HSV	190°, 100%, 86%
XYZ	29.6462, 38.6232, 73.6027
YIQ	131.9140, -120.6700, -26.7660

Conversions

Conversions Part 2

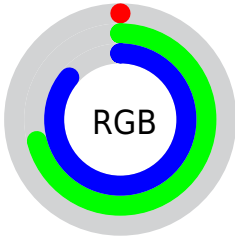
Format	Color
RYB	0, 100, 220
Decimal	46812
CIELab	68.48, -25.04, -29.88
CIELCh	68, 38.980, 230.034
Yxy	38.6232, 0.2090, 0.2722
Android (android.graphics.Color)	4278236892 (0xFF00B6DC)
YUV	131.9140, 43.4264, -115.6886
Hunter-Lab	62.1476, -23.6085, -26.7151

Details

The Hex color **00B6DC** 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 **DC2600**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6AEFF**, and **0081A5** is the 20% darker color. If you saturate the color by 10%, you get **00B6DC**, and if you desaturate by 10%, it is **16BADDC**.

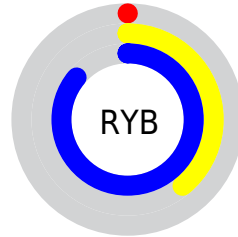
Distribution



Red (0%)

Green (71%)

Blue (86%)



Red (0%)

Yellow (39%)

Blue (86%)

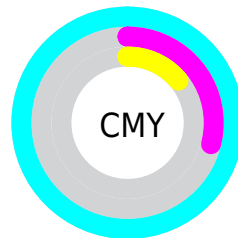


Cyan (100%)

Magenta (17%)

Yellow (0%)

Black (14%)



Cyan (100%)

Magenta (29%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B6DC 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 00B6DC by changing the saturation by 10% instead.

 00B6DC

 00B6DC

FFFFFF

 009BC0


 6AEEFF

 0081A5

 8BFFFF

 00678A

 ABFFFF

 004F71

 CAFFFF

 003858

 E9FFFF

 002341

 00032B

 000115

 000000

 00B6DC

 16BADC

 2CBEDC

 42C1DC

 58C5DC

 6EC9DC

 84CDDC

 9AD1DC

 B0D4DC

 C6D8DC

Harmonies

Analogous

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



00BABE



00B6DC



5CAEEC

Triad

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



00B6DC



E48CB4



A6AC63

Complementary

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



00B6DC



DC2600

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.



C8A161



00B6DC



EC8C91

Square

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



00B6DC



C895D5



E19572



7EB578

Rectangle

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



00B6DC



87A6EC



E19572



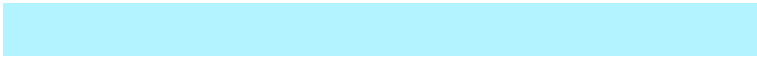
B2A960

Sweetspot

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



00B6DC



B3F2FF



00DC25



527880



000000



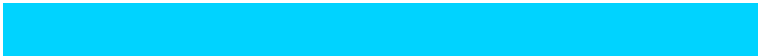
808080

Same Dimension

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



00B6DC



00D3FF



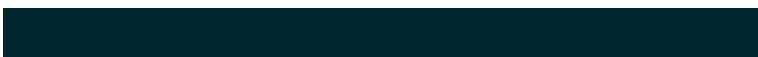
0049DC



636C6E



008FAD



00262E

Inverse Universe

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



DC00B6



FF00D3



DC9300



6E636C



AD008F



2E0026

Previews

White Background



This preview shows how the Hex color 00B6DC 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 00B6DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

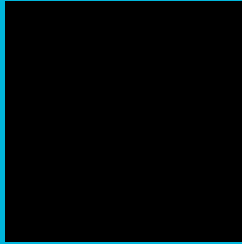
Any Text WCAG AA ✓ Pass

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 00B6DC Background



This preview shows how black text looks on a background with the Hex color 00B6DC.

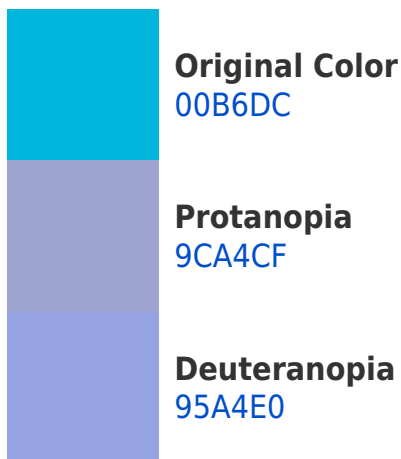


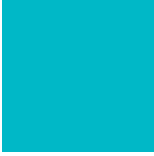
This preview shows how white text looks on a background with the Hex color 00B6DC.

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
00B6DC



Protanomaly
63ABD4



Deuteranomaly
5FABDF



Tritanomaly
00B7CF

Monochromacy



Original Color
00B6DC



Achromatopsia
848484



Achromatomaly
5496A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B6DC 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 #00B6DC looks like.

```
.text, #text, p{  
    color:#00B6DC  
}
```

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 #00B6DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B6DC
}
```

Border

The CSS property to change the border of an element to Hex 00B6DC 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
#00B6DC }
```

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

```
.border{ border-color:#00B6DC }
```

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

Here you see how a box with a 4 pixel #00B6DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B6DC; -webkit-box-shadow:4px 4px  
4px 4px #00B6DC; box-shadow:4px 4px 4px  
4px #00B6DC }
```

Background

The CSS property to change the background color of an element to Hex 00B6DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B6DC }
```

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

```
.background{ background-color:#00B6DC }
```

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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