

Converting Colors

Hex(00B4CC)

Have a look what the booklet for
Hex(00B4CC) contains.

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Color

Hex(00B4CC)

Conversions

Conversions Part 1

Format	Color
Hex	00B4CC
RGB	0, 180, 204
RGB Percent	0%, 71%, 80%
CMY	1.0000, 0.2941, 0.2000
CMYK	1.00, 0.12, 0.00, 0.20
HSL	187°, 100%, 40%
HSV	187°, 100%, 80%
XYZ	27.2203, 37.0021, 62.8342
YIQ	128.9160, -114.9840, -30.6960

Conversions

Conversions Part 2

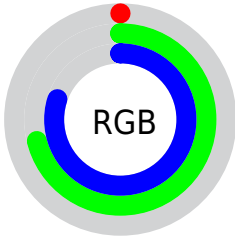
Format	Color
RYB	0, 96, 204
Decimal	46284
CIELab	67.28, -29.38, -22.93
CIELCh	67, 37.270, 217.963
Yxy	37.0021, 0.2142, 0.2912
Android (android.graphics.Color)	4278236364 (0xFF00B4CC)
YUV	128.9160, 37.0164, -113.0593
Hunter-Lab	60.8294, -26.5751, -18.6635

Details

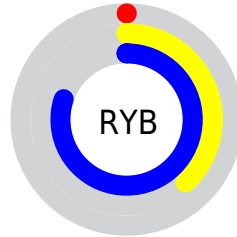
The Hex color **00B4CC** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **CC1800**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **67ECFF**, and **007F96** is the 20% darker color. If you saturate the color by 10%, you get **00B4CC**, and if you desaturate by 10%, it is **14B6CC**.

Distribution



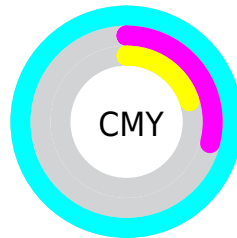
- Red (0%)
- Green (71%)
- Blue (80%)



- Red (0%)
- Yellow (38%)
- Blue (80%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B4CC 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 00B4CC by changing the saturation by 10% instead.

 00B4CC

 00B4CC

FFFFFF

 0099B1

 67ECFF

 007F96

 87FFFF

 00657C

 A7FFFF

 004D63

 C6FFFF

 00364B

 E5FFFF

 002234

 00021F

 000002

 000000

 00B4CC

 14B6CC

 29B9CC

 3DBBCC

 52BECC

 66C0CC

 7AC2CC

 8FC5CC

 A3C7CC

 B8CACC

Harmonies

Analogous

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



31B6AC



00B4CC



45AEE1

Triad

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



00B4CC



D58DBE



B1A560

Complementary

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



00B4CC



CC1800

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.



CF9966



00B4CC



E5899C

Square

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



00B4CC



B398D9



E18E7C



8DAE6E

Rectangle

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



00B4CC



6EA8E6



E18E7C



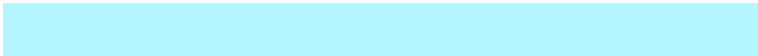
BCA160

Sweetspot

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



00B4CC



B3F6FF



00CC18



527A80



000000



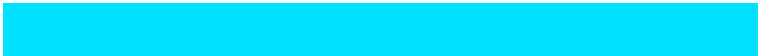
808080

Same Dimension

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



00B4CC



00E1FF



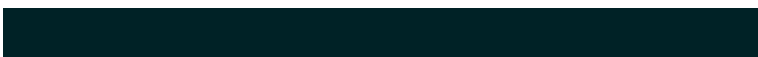
004ECC



5C6566



0092A6



002226

Inverse Universe

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



CC00B4



FF00E1



CC7E00



665C65



A60092



260022

Previews

White Background



This preview shows how the Hex color 00B4CC looks on a white background.

Color Contrast Check

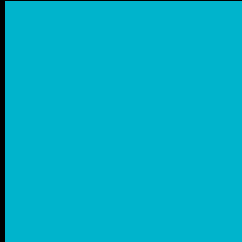
Large Text (above 18pt) WCAG AA × Fail

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 00B4CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

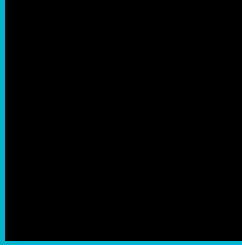
Any Text WCAG AA ✓ Pass

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 00B4CC Background



This preview shows how black text looks on a background with the Hex color 00B4CC.



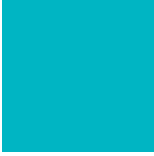
This preview shows how white text looks on a background with the Hex color 00B4CC.

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



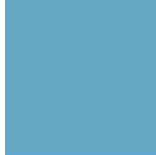


Tritanopia
00B5C3

Trichromacy



Original Color
00B4CC



Protanomaly
64A8C4



Deuteranomaly
62A7CF



Tritanomaly
00B5C6

Monochromacy



Original Color
00B4CC



Achromatopsia
818181



Achromatomaly
52949C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B4CC 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 #00B4CC looks like.

```
.text, #text, p{  
    color:#00B4CC  
}
```

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 #00B4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B4CC
}
```

Border

The CSS property to change the border of an element to Hex 00B4CC 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
#00B4CC }
```

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

```
.border{ border-color:#00B4CC }
```

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

Here you see how a box with a 4 pixel #00B4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B4CC; -webkit-box-shadow:4px 4px  
4px 4px #00B4CC; box-shadow:4px 4px 4px  
4px #00B4CC }
```

Background

The CSS property to change the background color of an element to Hex 00B4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B4CC }
```

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

```
.background{ background-color:#00B4CC }
```

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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