

Converting Colors

Hex(00B4C3)

Have a look what the booklet for
Hex(00B4C3) contains.

Hex(00B4C3)	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(00B4C3)

Conversions

Conversions Part 1

Format	Color
Hex	00B4C3
RGB	0, 180, 195
RGB Percent	0%, 71%, 76%
CMY	1.0000, 0.2941, 0.2353
CMYK	1.00, 0.08, 0.00, 0.24
HSL	185°, 100%, 38%
HSV	185°, 100%, 76%
XYZ	26.1716, 36.5826, 57.3115
YIQ	127.8900, -112.0950, -33.4950

Conversions

Conversions Part 2

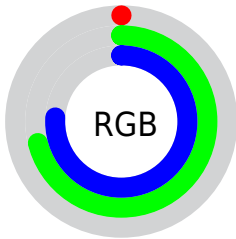
Format	Color
RYB	0, 94, 195
Decimal	46275
CIELab	66.96, -32.31, -18.44
CIELCh	67, 37.204, 209.718
Yxy	36.5826, 0.2180, 0.3047
Android (android.graphics.Color)	4278236355 (0xFF00B4C3)
YUV	127.8900, 33.0852, -112.1595
Hunter-Lab	60.4836, -28.6083, -13.8420

Details

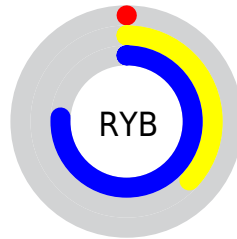
The Hex color **00B4C3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C30F00**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **65ECFC**, and **007F8D** is the 20% darker color. If you saturate the color by 10%, you get **00B4C3**, and if you desaturate by 10%, it is **13B6C3**.

Distribution



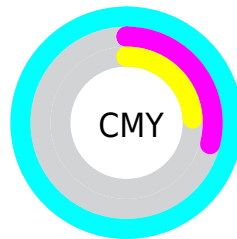
- Red (0%)
- Green (71%)
- Blue (76%)



- Red (0%)
- Yellow (37%)
- Blue (76%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B4C3 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 00B4C3 by changing the saturation by 10% instead.

 00B4C3

 00B4C3

FFFFFF

 0099A8

 65ECFC

 007F8D

 86FFFF

 006574

 A5FFFF

 004D5B

 C4FFFF

 003544

 E3FFFF

 00212D

 000119

 000000

 00B4C3

 13B6C3

 27B7C3

 3BB9C3

 4EBAC3

 62BCC3

 75BDC3

 88BFC3

 9CC0C3

 B0C2C3

Harmonies

Analogous

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



3FB5A1



00B4C3



32AFDC

Triad

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



00B4C3



CD8FC5



B9A15F

Complementary

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



00B4C3



C30F00

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.



D4956A



00B4C3



E189A5

Square

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



00B4C3



A69ADD



E38C83



96AB68

Rectangle

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



00B4C3



5DAAE4



E38C83



C39D61

Sweetspot

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



00B4C3



B1F7FC



00C30D



527C80



000000



808080

Same Dimension

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



00B4C3



00E9FC



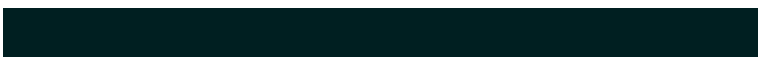
0055C3



576061



0094A1



001F21

Inverse Universe

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



C300B4



FC00E9



C36E00



615760



A10094



21001F

Previews

White Background



This preview shows how the Hex color 00B4C3 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 00B4C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

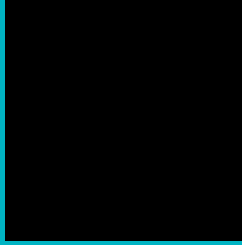
Any Text WCAG AA ✓ Pass

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 00B4C3 Background



This preview shows how black text looks on a background with the Hex color 00B4C3.



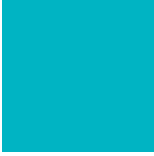
This preview shows how white text looks on a background with the Hex color 00B4C3.

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
00B4C3

Trichromacy



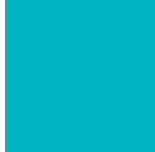
Original Color
00B4C3



Protanomaly
65A8BB



Deuteranomaly
65A7C6



Tritanomaly
00B4C3

Monochromacy



Original Color
00B4C3



Achromatopsia
808080



Achromatomaly
519398

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B4C3 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 #00B4C3 looks like.

```
.text, #text, p{  
    color:#00B4C3  
}
```

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 #00B4C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B4C3
}
```

Border

The CSS property to change the border of an element to Hex 00B4C3 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
#00B4C3 }
```

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

```
.border{ border-color:#00B4C3 }
```

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

Here you see how a box with a 4 pixel #00B4C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B4C3; -webkit-box-shadow:4px 4px  
4px 4px #00B4C3; box-shadow:4px 4px 4px  
4px #00B4C3 }
```

Background

The CSS property to change the background color of an element to Hex 00B4C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B4C3 }
```

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

```
.background{ background-color:#00B4C3 }
```

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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