

Converting Colors

Hex(00BDC9)

Have a look what the booklet for
Hex(00BDC9) contains.

Hex(00BDC9)	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(00BDC9)

Conversions

Conversions Part 1

Format	Color
Hex	00BDC9
RGB	0, 189, 201
RGB Percent	0%, 74%, 79%
CMY	1.0000, 0.2588, 0.2118
CMYK	1.00, 0.06, 0.00, 0.21
HSL	184°, 100%, 39%
HSV	184°, 100%, 79%
XYZ	28.7402, 40.6122, 61.5825
YIQ	133.8570, -116.4960, -36.3360

Conversions

Conversions Part 2

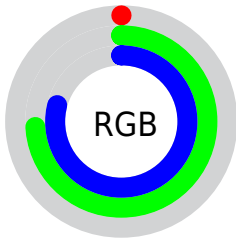
Format	Color
RYB	0, 97, 201
Decimal	48585
CIELab	69.90, -34.67, -17.29
CIELCh	70, 38.745, 206.500
Yxy	40.6122, 0.2195, 0.3102
Android (android.graphics.Color)	4278238665 (0xFF00BDC9)
YUV	133.8570, 33.1015, -117.3926
Hunter-Lab	63.7277, -31.0228, -12.6848

Details

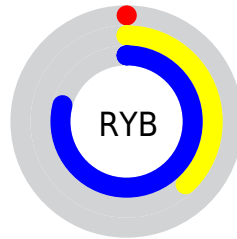
The Hex color **00BDC9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C90C00**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **68F6FF**, and **008793** is the 20% darker color. If you saturate the color by 10%, you get **00BDC9**, and if you desaturate by 10%, it is **14BEC9**.

Distribution



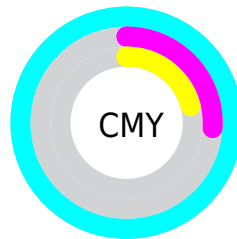
- Red (0%)
- Green (74%)
- Blue (79%)



- Red (0%)
- Yellow (38%)
- Blue (79%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BDC9 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 00BDC9 by changing the saturation by 10% instead.

 00BDC9

 00BDC9

FFFFFF

 00A2AE

 68F6FF

 008793

 88FFFF

 006D79

 A8FFFF

 005460

 C7FFFF

 003C49

 E6FFFF

 002732

 00021E

 000000

 00BDC9

 14BEC9

 28BFC9

 3CC1C9

 50C2C9

 65C3C9

 79C4C9

 8DC5C9

 A1C7C9

 B5C8C9

Harmonies

Analogous

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



48BDA5



00BDC9



2AB8E5

Triad

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



00BDC9



D397D2



C6A764

Complementary

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



00BDC9



C90C00

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.



E19B71



00BDC9



EB90B0

Square

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



00BDC9



A9A3EA



EF918D



A2B26B

Rectangle

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



00BDC9



5AB3EF



EF918D



D0A366

Sweetspot

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



00BDC9



B3FAFF



00C90A



527D80



000000



808080

Same Dimension

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



00BDC9



00F0FF



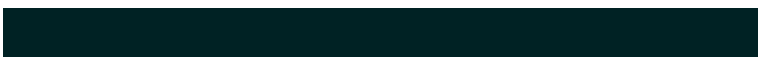
005AC9



5A6363



0099A3



002224

Inverse Universe

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



C900BD



FF00F0



C96F00



635A63



A30099



240022

Previews

White Background



This preview shows how the Hex color 00BDC9 looks on a white background.

Color Contrast Check

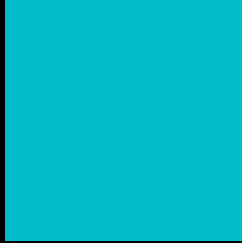
Large Text (above 18pt) WCAG AA × Fail

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 00BDC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

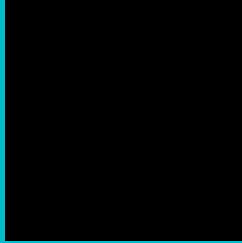
Any Text WCAG AA ✓ Pass

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 00BDC9 Background



This preview shows how black text looks on a background with the Hex color 00BDC9.

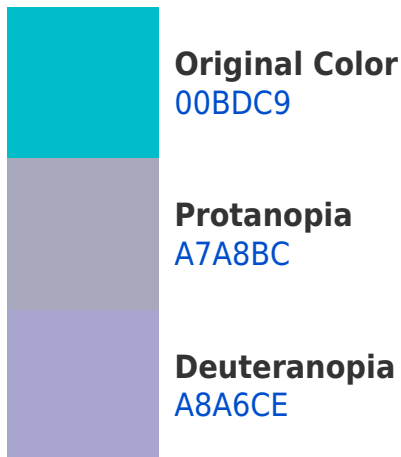


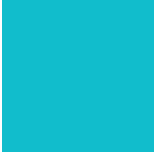
This preview shows how white text looks on a background with the Hex color 00BDC9.

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





Trichromacy



Original Color
00BDC9



Protanomaly
6AB0C1



Deuteranomaly
6BAECC



Tritanomaly
0BBDCB

Monochromacy



Original Color
00BDC9



Achromatopsia
868686



Achromatomaly
559A9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BDC9 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 #00BDC9 looks like.

```
.text, #text, p{  
    color:#00BDC9  
}
```

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 #00BDC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BDC9
}
```

Border

The CSS property to change the border of an element to Hex 00BDC9 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
#00BDC9 }
```

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

```
.border{ border-color:#00BDC9 }
```

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

Here you see how a box with a 4 pixel #00BDC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BDC9; -webkit-box-shadow:4px 4px  
4px 4px #00BDC9; box-shadow:4px 4px 4px  
4px #00BDC9 }
```

Background

The CSS property to change the background color of an element to Hex 00BDC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BDC9 }
```

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

```
.background{ background-color:#00BDC9 }
```

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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