

Converting Colors

Hex(00BCAC)

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

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Color

Hex(00BCAC)

Conversions

Conversions Part 1

Format	Color
Hex	00BCAC
RGB	0, 188, 172
RGB Percent	0%, 74%, 67%
CMY	1.0000, 0.2627, 0.3255
CMYK	1.00, 0.00, 0.09, 0.26
HSL	175°, 100%, 37%
HSV	175°, 100%, 74%
XYZ	25.4296, 38.9450, 45.2066
YIQ	129.9640, -106.9120, -44.8320

Conversions

Conversions Part 2

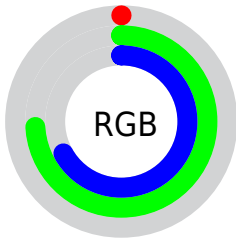
Format	Color
RYB	0, 98, 188
Decimal	48300
CIELab	68.71, -42.95, -3.15
CIELCh	69, 43.067, 184.193
Yxy	38.9450, 0.2321, 0.3554
Android (android.graphics.Color)	4278238380 (0xFF00BCAC)
YUV	129.9640, 20.7237, -113.9784
Hunter-Lab	62.4059, -36.4739, 0.7347

Details

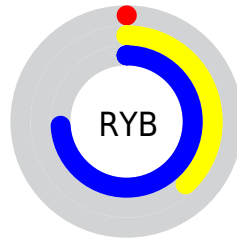
The Hex color **00BCAC** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BC0010**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **64F5E3**, and **008678** is the 20% darker color. If you saturate the color by 10%, you get **00BCAC**, and if you desaturate by 10%, it is **13BCAE**.

Distribution



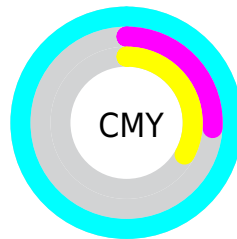
- Red (0%)
- Green (74%)
- Blue (67%)



- Red (0%)
- Yellow (38%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 00BCAC

 00BCAC

FFFFFF

 00A192


 64F5E3

 008678

 84FFFF

 006C5F

 A3FFFF

 005348

 C2FFFF

 003A31

 E0FFFF

 00251C

 000002

 000000

 00BCAC

 13BCAE

 26BCAF

 38BCB1

 4BBCB2

 5EBCB4

 71BCB6

 84BCB7

 96BCB9

 A9BCBA

Harmonies

Analogous

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



60B984



00BCAC



00BBD2

Triad

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



00BCAC



B39BE8



DB9962

Complementary

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



00BCAC



BC0010

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.



EF8D7E



00BCAC



DD8ECA

Square

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



00BCAC



74AAF5



F188A4



BBA758

Rectangle

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



00BCAC



00B7E6



F188A4



E4956A

Sweetspot

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



00BCAC



ABF5EF



13BC00



4E7A77



FAFAFA



7A7A7A

Same Dimension

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



00BCAC



00F5E0



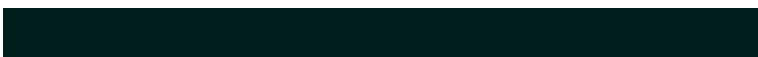
0071BC



555E5E



009E91



001F1C

Inverse Universe

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



BC0010



F50015



BC4B00



5E5556



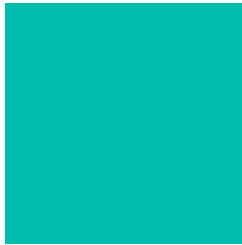
9E000D



1F0003

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

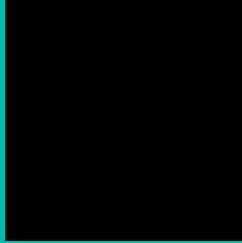
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

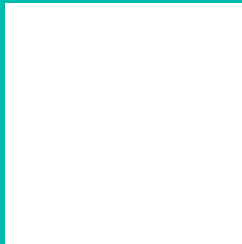
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00BCAC Background



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

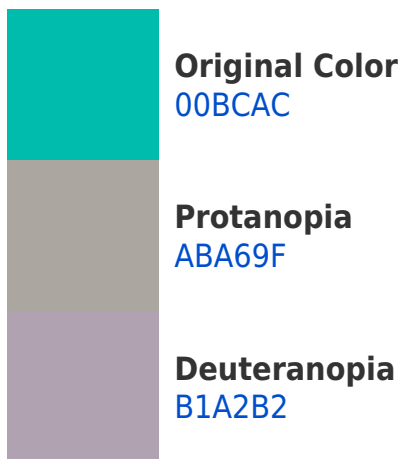


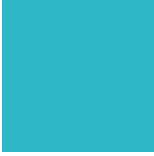
This preview shows how white text looks on a background with the Hex color 00BCAC.

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
2EB8C7

Trichromacy



Original Color
00BCAC



Protanomaly
6DAEA4



Deuteranomaly
71ABB0



Tritanomaly
1DB9BD

Monochromacy



Original Color
00BCAC



Achromatopsia
828282



Achromatomaly
539791

CSS Examples

Text

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

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

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 #00BCAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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