

Converting Colors

Hex(00CBC2)

Have a look what the booklet for
Hex(00CBC2) contains.

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Color

Hex(00CBC2)

Conversions

Conversions Part 1

Format	Color
Hex	00CBC2
RGB	0, 203, 194
RGB Percent	0%, 80%, 76%
CMY	1.0000, 0.2039, 0.2392
CMYK	1.00, 0.00, 0.04, 0.20
HSL	177°, 100%, 40%
HSV	177°, 100%, 80%
XYZ	31.0935, 46.6069, 58.3962
YIQ	141.2770, -118.0990, -45.8350

Conversions

Conversions Part 2

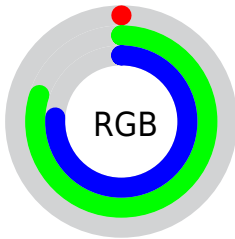
Format	Color
RYB	0, 104, 203
Decimal	52162
CIELab	73.94, -43.14, -7.43
CIELCh	74, 43.778, 189.771
Yxy	46.6069, 0.2285, 0.3425
Android (android.graphics.Color)	4278242242 (0xFF00CBC2)
YUV	141.2770, 25.9924, -123.8999
Hunter-Lab	68.2693, -38.1726, -2.9270

Details

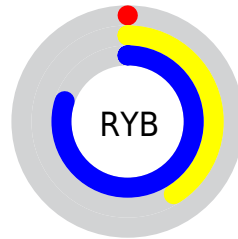
The Hex color **00CBC2** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CB0009**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **69FFFA**, and **00948D** is the 20% darker color. If you saturate the color by 10%, you get **00CBC2**, and if you desaturate by 10%, it is **14CBC3**.

Distribution



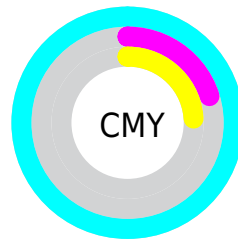
- Red (0%)
- Green (80%)
- Blue (76%)



- Red (0%)
- Yellow (41%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CBC2 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 00CBC2 by changing the saturation by 10% instead.

 00CBC2

 00CBC2

FFFFFF

 00AFA7

 69FFFA

 00948D

 8AFFFF

 007A73

 AAFFFF

 00605B

 C9FFFF

 004743

 E8FFFF

 00302D

 001719

 000000

 00CBC2

 14CBC3

 29CBC4

 3DCBC5

 51CBC6

 66CBC7

 7ACBC7

 8ECBC8

 A2CBC9

 B7CBCA

Harmonies

Analogous

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



63C999



00CBC2



00C9E8

Triad

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



00CBC2



CBA6F4



E6AA6B

Complementary

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



00CBC2



CB0009

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.



FE9D84



00CBC2



F29AD2

Square

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



00CBC2



8FB5FF



FF96AA



C3B865

Rectangle

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



00CBC2



03C4FA



FF96AA



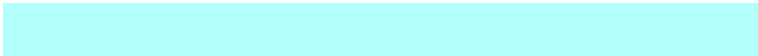
F0A571

Sweetspot

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



00CBC2



B3FFFC



0ACB00



52807D



000000



808080

Same Dimension

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



00CBC2



00FFF4



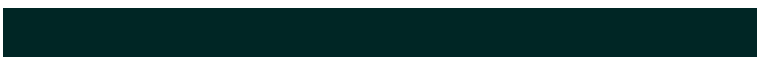
0070CB



5C6666



00A69E



002625

Inverse Universe

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



CB0009



FF000B



CB5B00



665C5C



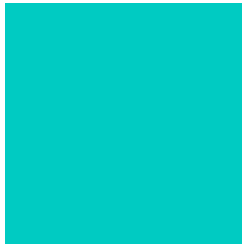
A60007



260002

Previews

White Background



This preview shows how the Hex color 00CBC2 looks on a white background.

Color Contrast Check

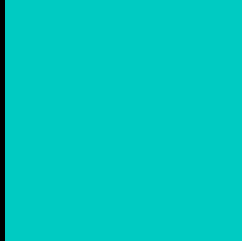
Large Text (above 18pt) WCAG AA × Fail

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 00CBC2 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

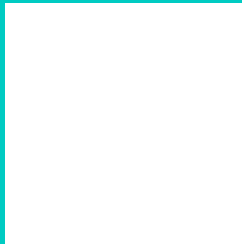
Any Text WCAG AAA ✓ Pass

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

Hex 00CBC2 Background



This preview shows how black text looks on a background with the Hex color 00CBC2.

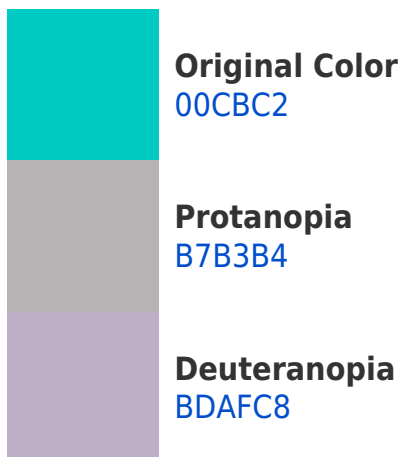


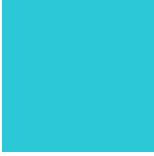
This preview shows how white text looks on a background with the Hex color 00CBC2.

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
2CC8D8

Trichromacy



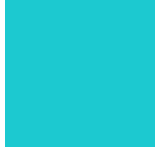
Original Color
00CBC2



Protanomaly
74BCB9

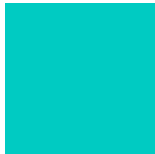


Deuteranomaly
78B9C6



Tritanomaly
1CC9D0

Monochromacy



Original Color
00CBC2



Achromatopsia
8D8D8D



Achromatomaly
5AA4A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CBC2 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 #00CBC2 looks like.

```
.text, #text, p{  
    color:#00CBC2  
}
```

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 #00CBC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CBC2
}
```

Border

The CSS property to change the border of an element to Hex 00CBC2 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
#00CBC2 }
```

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

```
.border{ border-color:#00CBC2 }
```

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

Here you see how a box with a 4 pixel #00CBC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CBC2; -webkit-box-shadow:4px 4px  
4px 4px #00CBC2; box-shadow:4px 4px 4px  
4px #00CBC2 }
```

Background

The CSS property to change the background color of an element to Hex 00CBC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CBC2 }
```

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

```
.background{ background-color:#00CBC2 }
```

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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