

Converting Colors

Hex(00CBBC)

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

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Color

Hex(00CBBC)

Conversions

Conversions Part 1

Format	Color
Hex	00CBBC
RGB	0, 203, 188
RGB Percent	0%, 80%, 74%
CMY	1.0000, 0.2039, 0.2627
CMYK	1.00, 0.00, 0.07, 0.20
HSL	176°, 100%, 40%
HSV	176°, 100%, 80%
XYZ	30.4330, 46.3427, 54.9180
YIQ	140.5930, -116.1730, -47.7010

Conversions

Conversions Part 2

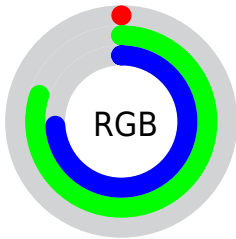
Format	Color
RYB	0, 105, 203
Decimal	52156
CIELab	73.77, -44.87, -4.43
CIELCh	74, 45.084, 185.640
Yxy	46.3427, 0.2311, 0.3519
Android (android.graphics.Color)	4278242236 (0xFF00CBBC)
YUV	140.5930, 23.3717, -123.3001
Hunter-Lab	68.0755, -39.3340, -0.1777

Details

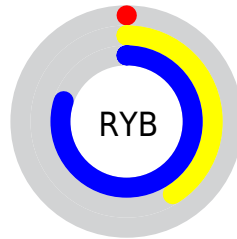
The Hex color **00CBBC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **CB000F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **69FFF4**, and **009487** is the 20% darker color. If you saturate the color by 10%, you get **00CBBC**, and if you desaturate by 10%, it is **14CBBE**.

Distribution



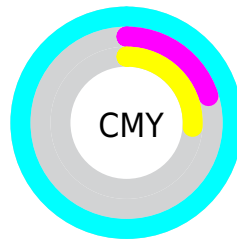
- Red (0%)
- Green (80%)
- Blue (74%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 00CBBC

 00CBBC

FFFFFF

 00AFA1

 69FFF4

 009487

 89FFFF

 00796E

 A9FFFF

 006055

 C8FFFF

 00473E

 E7FFFF

 003028

 001614

 000000

 00CBBC

 14CBBE

 29CBBF

 3DCBC1

 51CBC2

 66CBC4

 7ACBC5

 8ECBC7

 A2CBC8

 B7BCA

Harmonies

Analogous

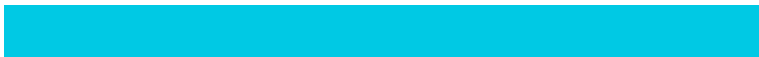
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67C892



00CBBC



00C9E4

Triad

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



00CBBC



C4A8F9



EBA76A

Complementary

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



00CBBC



CB000F

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.



FF9A87



00CBBC



EF9AD8

Square

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



00CBBC



82B7FF



FF94AF



C8B561

Rectangle

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



00CBBC



00C5F9



FF94AF



F4A272

Sweetspot

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



00CBBC



B3FFF9



11CB00



52807C



000000



808080

Same Dimension

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



00CBBC



00FFEC



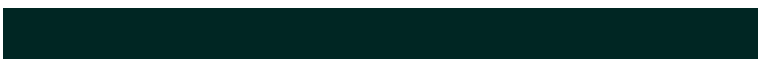
0076CB



5C6665



00A69A



002623

Inverse Universe

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



CB000F



FF0013



CB5500



665C5D



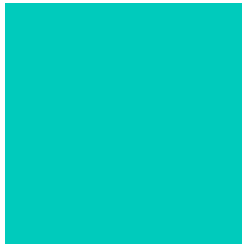
A6000C



260003

Previews

White Background



This preview shows how the Hex color 00CBBC 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 00CBBC 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

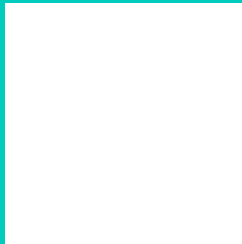
Any Text WCAG AAA ✓ Pass

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

Hex 00CBBC Background



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



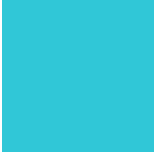
This preview shows how white text looks on a background with the Hex color 00CBBC.

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
30C7D7

Trichromacy



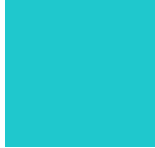
Original Color
00CBBC



Protanomaly
75BCB3

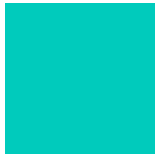


Deuteranomaly
7AB9C0



Tritanomaly
1FC8CD

Monochromacy



Original Color
00CBBC



Achromatopsia
8D8D8D



Achromatomaly
5AA49E

CSS Examples

Text

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

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

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 #00CBBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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