

Converting Colors

Hex(00CBCB)

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

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Color

Hex(00CBCB)

Conversions

Conversions Part 1

Format	Color
Hex	00CBCB
RGB	0, 203, 203
RGB Percent	0%, 80%, 80%
CMY	1.0000, 0.2039, 0.2039
CMYK	1.00, 0.00, 0.00, 0.20
HSL	180°, 100%, 40%
HSV	180°, 100%, 80%
XYZ	32.1354, 47.0237, 63.8827
YIQ	142.3030, -120.9880, -43.0360

Conversions

Conversions Part 2

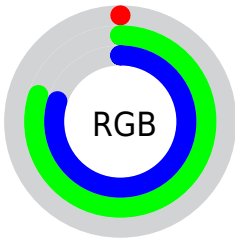
Format	Color
RYB	0, 102, 203
Decimal	52171
CIELab	74.20, -40.49, -11.91
CIELCh	74, 42.203, 196.386
Yxy	47.0237, 0.2247, 0.3287
Android (android.graphics.Color)	4278242251 (0xFF00CBCB)
YUV	142.3030, 29.9236, -124.7997
Hunter-Lab	68.5738, -36.3545, -7.2323

Details

The Hex color **00CBCB** 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 **CB0000**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6AFFFF**, and **009495** is the 20% darker color. If you saturate the color by 10%, you get **00CBCB**, and if you desaturate by 10%, it is **14CBCB**.

Distribution



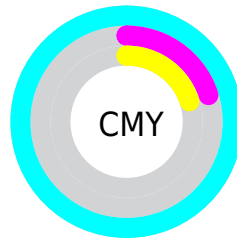
- Red (0%)
- Green (80%)
- Blue (80%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



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



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

Brightness & Saturation Gradients

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

 00CBCB

 00CBCB

FFFFFF

 00AFB0

 6AFFFF

 009495

 8BFFFF

 007A7B

 ABFFFF

 006062

 CBFFFF

 00474B

 EAFFFF

 003034

 00181F

 000005

 000000

 00BCB

 14BCB

 29BCB

 3DCB

 51BCB

 66BCB

 7ACB

 8ECB

 A2BCB

 B7BCB

Harmonies

Analogous

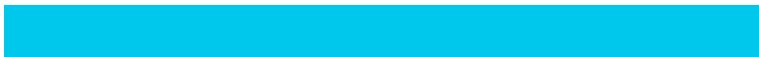
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5BCAA3



00CBCB



00C8ED

Triad

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



00CBCB



D5A5EC



DFAE6B

Complementary

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



00CBCB



CB0000

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.



F9A180



00CBCB



F79ACA

Square

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



00CBCB



A0B3FF



FF98A2



BABB6B

Rectangle

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



00CBCB



3EC3FD



FF98A2



E9A970

Sweetspot

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



00CBCB



B3FFFF



00CB00



528080



000000



808080

Same Dimension

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



00CBCB



00FFFF



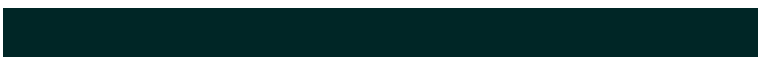
0066CB



5C6666



00A6A6



002626

Inverse Universe

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



CB00CB



FF00FF



CB6600



665C66



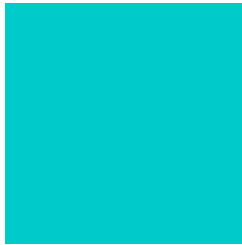
A600A6



260026

Previews

White Background



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

Color Contrast Check

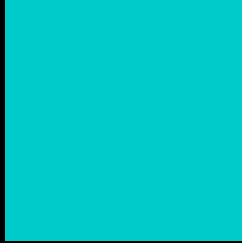
Large Text (above 18pt) WCAG AA × Fail

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 00CBCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

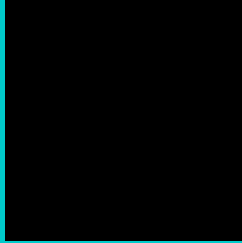
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

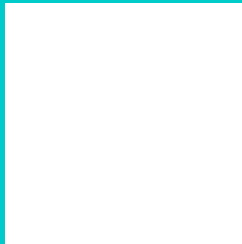
Any Text WCAG AAA ✓ Pass

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

Hex 00CBCB Background



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



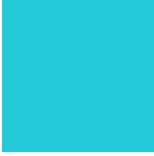
This preview shows how white text looks on a background with the Hex color 00CBCB.

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
25C9D9

Trichromacy



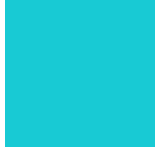
Original Color
00CBCB



Protanomaly
74BCC2



Deuteranomaly
76BACF



Tritanomaly
18CAD4

Monochromacy



Original Color
00CBCB



Achromatopsia
8E8E8E



Achromatomaly
5AA4A4

CSS Examples

Text

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

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

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 #00CBCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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