

Converting Colors

Hex(00CBDD)

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

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Color

Hex(00CBDD)

Conversions

Conversions Part 1

Format	Color
Hex	00CBDD
RGB	0, 203, 221
RGB Percent	0%, 80%, 87%
CMY	1.0000, 0.2039, 0.1333
CMYK	1.00, 0.08, 0.00, 0.13
HSL	185°, 100%, 43%
HSV	185°, 100%, 87%
XYZ	34.4071, 47.9323, 75.8450
YIQ	144.3550, -126.7660, -37.4380

Conversions

Conversions Part 2

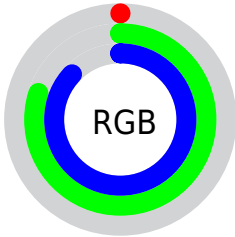
Format	Color
RYB	0, 106, 221
Decimal	52189
CIELab	74.78, -34.96, -20.77
CIELCh	75, 40.660, 210.717
Yxy	47.9323, 0.2175, 0.3030
Android (android.graphics.Color)	4278242269 (0xFF00CBDD)
YUV	144.3550, 37.7860, -126.5993
Hunter-Lab	69.2332, -32.4482, -16.4890

Details

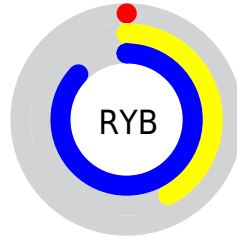
The Hex color **00CBDD** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DD1200**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6DFFFF**, and **0094A6** is the 20% darker color. If you saturate the color by 10%, you get **00CBDD**, and if you desaturate by 10%, it is **16CDDD**.

Distribution



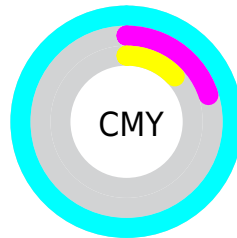
- Red (0%)
- Green (80%)
- Blue (87%)



- Red (0%)
- Yellow (42%)
- Blue (87%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 00CBDD

 00CBDD

FFFFFF

 00AFC1

 6DFFFF

 0094A6

 8EFFFF

 007A8C

 AFFFFFF

 006172

 CEFFFF

 004859

 EEEFFF

 003142

 001B2C

 000117

 000000

 00CBDD

 16CDDD

 2CCFDD

 42D0DD

 58D2DD

 6FD4DD

 85D6DD

 9BD8DD

 B1D9DD

 C7DBDD

Harmonies

Analogous

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



47CCB8



00CBDD



3CC6F8

Triad

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



00CBDD



E8A1DD



D0B66C

Complementary

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



00CBDD



DD1200

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.



EEA978



00CBDD



FE9BB9

Square

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



00CBDD



BDAEF8



FF9E94



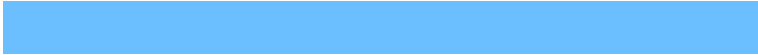
A9C176

Rectangle

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



00CBDD



6CBFFF



FF9E94



DBB26E

Sweetspot

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



00CBDD



B3F9FF



00DD0F



527C80



000000



808080

Same Dimension

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



00CBDD



00E AFF



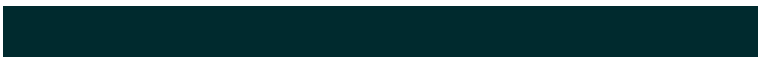
0060DD



636D6E



009FAD



002A2E

Inverse Universe

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



DD00CB



FF00EA



DD7D00



6E636D



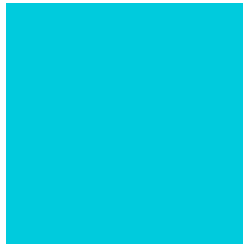
AD009F



2E002A

Previews

White Background



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

Color Contrast Check

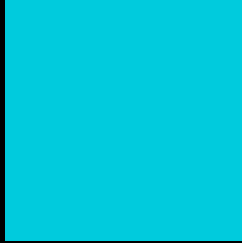
Large Text (above 18pt) WCAG AA × Fail

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 00CBDD 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 00CBDD Background



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

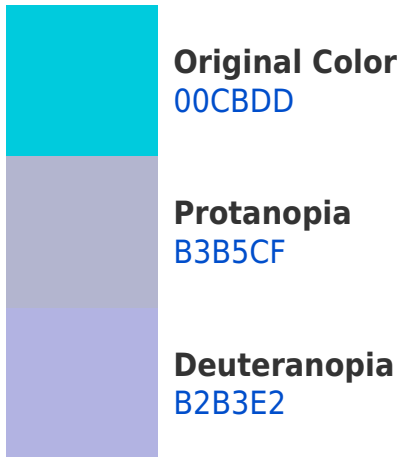


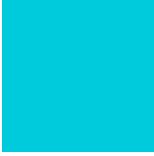
This preview shows how white text looks on a background with the Hex color 00CBDD.

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

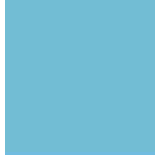




Trichromacy



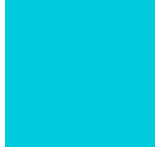
Original Color
00CBDD



Protanomaly
72BDD4



Deuteranomaly
71BCE0



Tritanomaly
00CBDC

Monochromacy



Original Color
00CBDD



Achromatopsia
909090



Achromatomaly
5CA5AC

CSS Examples

Text

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

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

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 #00CBDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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