

Converting Colors

Hex(00CAD9)

Have a look what the booklet for
Hex(00CAD9) contains.

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Color

Hex(00CAD9)

Conversions

Conversions Part 1

Format	Color
Hex	00CAD9
RGB	0, 202, 217
RGB Percent	0%, 79%, 85%
CMY	1.0000, 0.2078, 0.1490
CMYK	1.00, 0.07, 0.00, 0.15
HSL	184°, 100%, 43%
HSV	184°, 100%, 85%
XYZ	33.6449, 47.2508, 72.9927
YIQ	143.3120, -125.2070, -38.1590

Conversions

Conversions Part 2

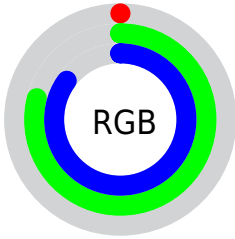
Format	Color
RYB	0, 105, 217
Decimal	51929
CIELab	74.35, -35.74, -19.26
CIELCh	74, 40.604, 208.323
Yxy	47.2508, 0.2186, 0.3070
Android (android.graphics.Color)	4278242009 (0xFF00CAD9)
YUV	143.3120, 36.3282, -125.6846
Hunter-Lab	68.7392, -32.9255, -14.8413

Details

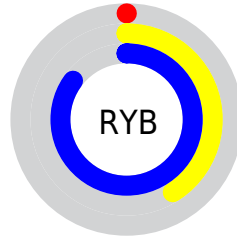
The Hex color **00CAD9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D90F00**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6CFFFF**, and **0093A2** is the 20% darker color. If you saturate the color by 10%, you get **00CAD9**, and if you desaturate by 10%, it is **16CCD9**.

Distribution



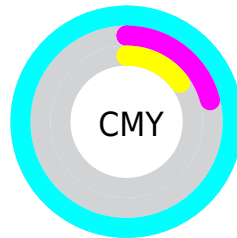
- Red (0%)
- Green (79%)
- Blue (85%)



- Red (0%)
- Yellow (41%)
- Blue (85%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CAD9 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 00CAD9 by changing the saturation by 10% instead.

 00CAD9

 00CAD9

FFFFFF

 00AEBD


 6CFFFF

 0093A2

 8EFFFF

 007988

 AEFFFF

 00606F

 CDFFFF

 004756

 EDFFFF

 00303F

 001929

 000114

 000000

 00CAD9

 16CCD9

 2BCDD9

 41CFD9

 57D0D9

 6DD2D9

 82D3D9

 98D5D9

 AED6D9

 C3D8D9

Harmonies

Analogous

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



4ACBB3



00CAD9



34C5F5

Triad

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



00CAD9



E4A1DF



D1B46C

Complementary

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



00CAD9



D90F00

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.



EFA778



00CAD9



FC9ABA

Square

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



00CAD9



B8AEF9



FE9C95



ABBF74

Rectangle

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



00CAD9



65BFFF



FE9C95



DCB06E

Sweetspot

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



00CAD9



B3FAFF



00D90E



527C80



000000



808080

Same Dimension

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



00CAD9



00EDFF



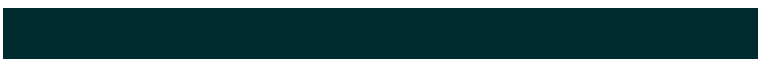
005ED9



636D6E



00A1AD



002B2E

Inverse Universe

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



D900CA



FF00ED



D97B00



6E636D



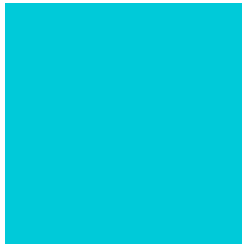
AD00A1



2E002B

Previews

White Background



This preview shows how the Hex color 00CAD9 looks on a white background.

Color Contrast Check

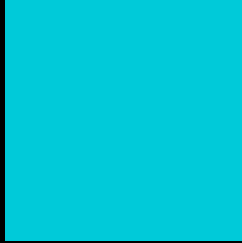
Large Text (above 18pt) WCAG AA × Fail

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 00CAD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

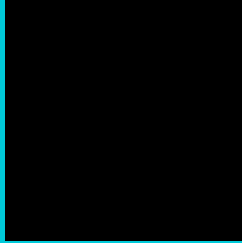
Any Text WCAG AA ✓ Pass

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 00CAD9 Background



This preview shows how black text looks on a background with the Hex color 00CAD9.

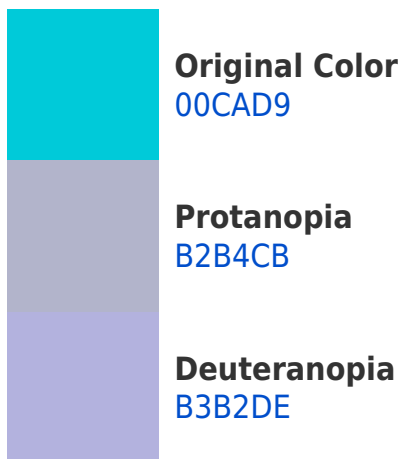


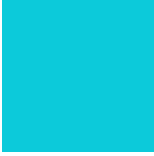
This preview shows how white text looks on a background with the Hex color 00CAD9.

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

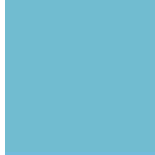




Trichromacy



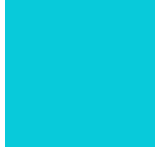
Original Color
00CAD9



Protanomaly
71BCD0



Deuteranomaly
72BBDC



Tritanomaly
08CADA

Monochromacy



Original Color
00CAD9



Achromatopsia
8F8F8F



Achromatomaly
5BA4AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CAD9 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 #00CAD9 looks like.

```
.text, #text, p{  
    color:#00CAD9  
}
```

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 #00CAD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CAD9
}
```

Border

The CSS property to change the border of an element to Hex 00CAD9 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
#00CAD9 }
```

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

```
.border{ border-color:#00CAD9 }
```

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

Here you see how a box with a 4 pixel #00CAD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CAD9; -webkit-box-shadow:4px 4px  
4px 4px #00CAD9; box-shadow:4px 4px 4px  
4px #00CAD9 }
```

Background

The CSS property to change the background color of an element to Hex 00CAD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CAD9 }
```

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

```
.background{ background-color:#00CAD9 }
```

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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