

Converting Colors

Hex(00CED9)

Have a look what the booklet for
Hex(00CED9) contains.

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Color

Hex(00CED9)

Conversions

Conversions Part 1

Format	Color
Hex	00CED9
RGB	0, 206, 217
RGB Percent	0%, 81%, 85%
CMY	1.0000, 0.1922, 0.1490
CMYK	1.00, 0.05, 0.00, 0.15
HSL	183°, 100%, 43%
HSV	183°, 100%, 85%
XYZ	34.5957, 49.1524, 73.3096
YIQ	145.6600, -126.3070, -40.2510

Conversions

Conversions Part 2

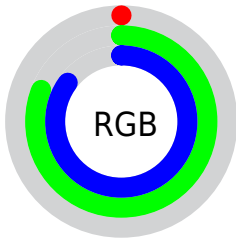
Format	Color
RYB	0, 106, 217
Decimal	52953
CIELab	75.55, -37.60, -17.45
CIELCh	76, 41.452, 204.903
Yxy	49.1524, 0.2203, 0.3130
Android (android.graphics.Color)	4278243033 (0xFF00CED9)
YUV	145.6600, 35.1706, -127.7438
Hunter-Lab	70.1087, -34.6081, -12.9208

Details

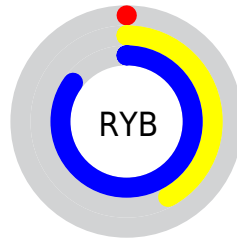
The Hex color **00CED9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D90B00**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6DFFFF**, and **0097A2** is the 20% darker color. If you saturate the color by 10%, you get **00CED9**, and if you desaturate by 10%, it is **16CFD9**.

Distribution



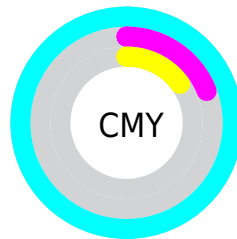
- Red (0%)
- Green (81%)
- Blue (85%)



- Red (0%)
- Yellow (42%)
- Blue (85%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CED9 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 00CED9 by changing the saturation by 10% instead.

 00CED9

 00CED9

FFFFFF

 00B2BD

 6DFFFF

 0097A2

 8EFFFF

 007D88

 AEFFFF

 00636F

 CEFFFF

 004A56

 EEFFFF

 00333F

 001D29

 000114

 000000

 00CED9

 16CFD9

 2BD0D9

 41D1D9

 57D2D9

 6DD4D9

 82D5D9

 98D6D9

 AED7D9

 C3D8D9

Harmonies

Analogous

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



51CEB2



00CED9



29C9F8

Triad

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



00CED9



E4A5E7



D9B66D

Complementary

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



00CED9



D90B00

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.



F6A87D



00CED9



FF9DC2

Square

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



00CED9



B5B3FF



FF9E9C



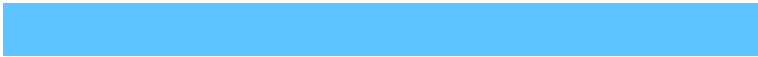
B3C273

Rectangle

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



00CED9



5EC4FF



FF9E9C



E4B170

Sweetspot

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



00CED9



B3FBFF



00D90B



527D80



000000



808080

Same Dimension

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



00CED9



00F2FF



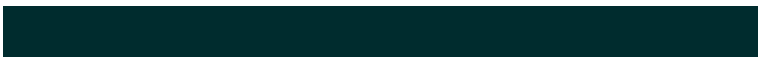
0062D9



636D6E



00A5AD



002C2E

Inverse Universe

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



D900CE



FF00F2



D97700



6E636D



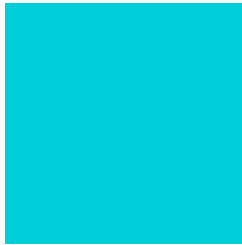
AD00A5



2E002C

Previews

White Background



This preview shows how the Hex color 00CED9 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 00CED9 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 00CED9 Background



This preview shows how black text looks on a background with the Hex color 00CED9.



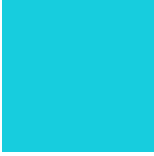
This preview shows how white text looks on a background with the Hex color 00CED9.

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

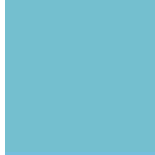




Trichromacy



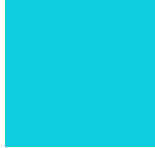
Original Color
00CED9



Protanomaly
74BFCF



Deuteranomaly
75BEDD



Tritanomaly
0FCDDC

Monochromacy



Original Color
00CED9



Achromatopsia
929292



Achromatomaly
5DA8AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CED9 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 #00CED9 looks like.

```
.text, #text, p{  
    color:#00CED9  
}
```

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 #00CED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CED9
}
```

Border

The CSS property to change the border of an element to Hex 00CED9 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
#00CED9 }
```

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

```
.border{ border-color:#00CED9 }
```

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

Here you see how a box with a 4 pixel #00CED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CED9; -webkit-box-shadow:4px 4px  
4px 4px #00CED9; box-shadow:4px 4px 4px  
4px #00CED9 }
```

Background

The CSS property to change the background color of an element to Hex 00CED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CED9 }
```

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

```
.background{ background-color:#00CED9 }
```

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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