

Converting Colors

Hex(00CDDC)

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

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Color

Hex(00CDDC)

Conversions

Conversions Part 1

Format	Color
Hex	00CDDC
RGB	0, 205, 220
RGB Percent	0%, 80%, 86%
CMY	1.0000, 0.1961, 0.1373
CMYK	1.00, 0.07, 0.00, 0.14
HSL	184°, 100%, 43%
HSV	184°, 100%, 86%
XYZ	34.7496, 48.8300, 75.3038
YIQ	145.4150, -126.9950, -38.7950

Conversions

Conversions Part 2

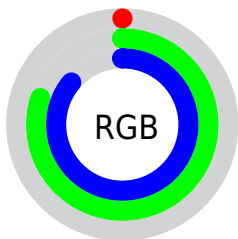
Format	Color
RYB	0, 106, 220
Decimal	52700
CIELab	75.35, -36.20, -19.38
CIELCh	75, 41.063, 208.154
Yxy	48.8300, 0.2187, 0.3073
Android (android.graphics.Color)	4278242780 (0xFF00CDDC)
YUV	145.4150, 36.7704, -127.5290
Hunter-Lab	69.8784, -33.5216, -14.9784

Details

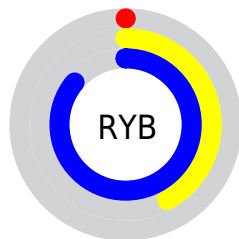
The Hex color **00CDDC** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DC0F00**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6DFFFF**, and **0096A5** is the 20% darker color. If you saturate the color by 10%, you get **00CDDC**, and if you desaturate by 10%, it is **16CEDC**.

Distribution



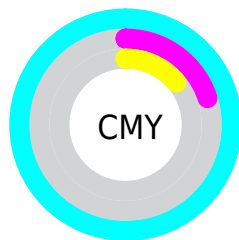
- Red (0%)
- Green (80%)
- Blue (86%)



- Red (0%)
- Yellow (42%)
- Blue (86%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 00CDDC

 00CDDC

FFFFFF

 00B1C0

 6DFFFF

 0096A5

 8FFFFFFF

 007C8B

 AFFFFFFF

 006271

 CEFFFF

 004A59

 EEEFFF

 003241

 001D2B

 000117

 000000

 00CDDC

 16CEDC

 2CD0DC

 42D2DC

 58D3DC

 6ED4DC

 84D6DC

 9AD8DC

 B0D9DC

 C6DBDC

Harmonies

Analogous

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



4CCEB6



00CDDC



35C8F9

Triad

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



00CDDC



E7A3E2



D4B66D

Complementary

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



00CDDC



DC0F00

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.



F2A97A



00CDDC



FF9CBD

Square

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



00CDDC



BAB1FC



FF9F98



AEC275

Rectangle

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



00CDDC



67C2FF



FF9F98



E0B26F

Sweetspot

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



00CDDC



B3FAFF



00DC0F



527C80



000000



808080

Same Dimension

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



00CDDC



00EEFF



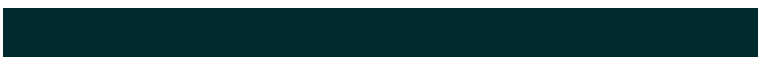
005FDC



636D6E



00A2AD



002B2E

Inverse Universe

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



DC00CD



FF00EE



DC7D00



6E636D



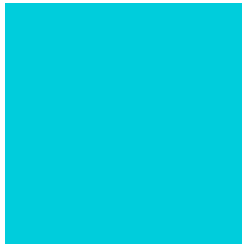
AD00A2



2E002B

Previews

White Background



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

Color Contrast Check

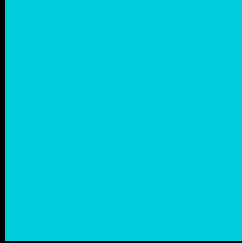
Large Text (above 18pt) WCAG AA × Fail

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 00CDDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

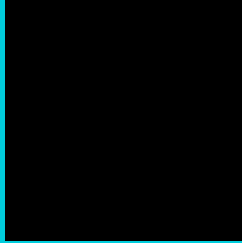
Any Text WCAG AA ✓ Pass

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 00CDDC Background



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

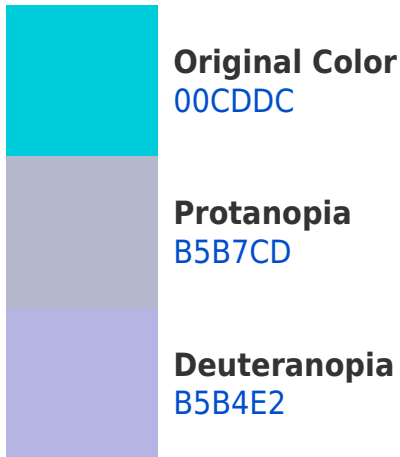


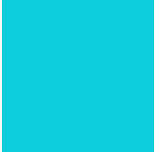
This preview shows how white text looks on a background with the Hex color 00CDDC.

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



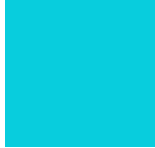
Original Color
00CDDC



Protanomaly
73BFD2



Deuteranomaly
73BDE0



Tritanomaly
08CDDD

Monochromacy



Original Color
00CDDC



Achromatopsia
919191



Achromatomaly
5CA7AC

CSS Examples

Text

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

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

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 #00CDDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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