

# Converting Colors

Hex(00CDD7)

Have a look what the booklet for  
Hex(00CDD7) contains.

<b>Hex(00CDD7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(00CDD7)

# Conversions

## Conversions Part 1

Format	Color
Hex	00CDD7
RGB	0, 205, 215
RGB Percent	0%, 80%, 84%
CMY	1.0000, 0.1961, 0.1569
CMYK	1.00, 0.05, 0.00, 0.16
HSL	183°, 100%, 42%
HSV	183°, 100%, 84%
XYZ	34.0971, 48.5689, 71.8676
YIQ	144.8450, -125.3900, -40.3500

# Conversions

## Conversions Part 2

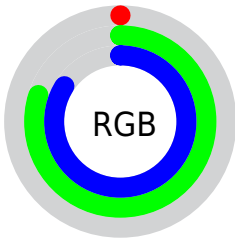
Format	Color
<a href="#">RYB</a>	<a href="#">0, 105, 215</a>
Decimal	<a href="#">52695</a>
<a href="#">CIELab</a>	<a href="#">75.18, -37.75, -16.92</a>
<a href="#">CIELCh</a>	<a href="#">75, 41.374, 204.146</a>
<a href="#">Yxy</a>	<a href="#">48.5689, 0.2206, 0.3143</a>
Android (android.graphics.Color)	<a href="#">4278242775</a> ( <a href="#">0xFF00CDD7</a> )
<a href="#">YUV</a>	<a href="#">144.8450, 34.5864, -127.0291</a>
<a href="#">Hunter-Lab</a>	<a href="#">69.6914, -34.6275, -12.3574</a>

# Details

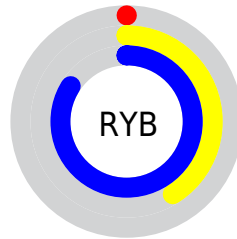
The Hex color **00CDD7** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D70A00**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6CFFFF**, and **0096A0** is the 20% darker color. If you saturate the color by 10%, you get **00CDD7**, and if you desaturate by 10%, it is **15CED7**.

# Distribution



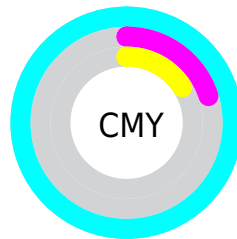
- Red (0%)
- Green (80%)
- Blue (84%)



- Red (0%)
- Yellow (41%)
- Blue (84%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (20%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00CDD7 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 00CDD7 by changing the saturation by 10% instead.



 00CDD7

 00CDD7

FFFFFF

 00B1BB

 6CFFFF

 0096A0

 8EFFFF

 007C86

 AEFFFF

 00626D

 CDFFFF

 004A55

 EDFFFF

 00323D

 001C28

 000113

 000000

 00CDD7

 15CED7

 2BCFD7

 41D0D7

 56D1D7

 6CD2D7

 81D3D7

 97D4D7

 ACD5D7

 C2D6D7

# Harmonies

## Analogous

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



52CDB0



00CDD7



25C8F6

# Triad

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



00CDD7



E2A4E6



D9B46D

# Complementary

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



00CDD7



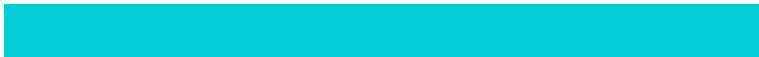
D70A00

# 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.



F5A77D



00CDD7



FD9CC2

# Square

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



00CDD7



B3B2FF



FF9D9C



B3C072

# Rectangle

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



00CDD7



5BC3FF



FF9D9C



E4B070



# Sweetspot

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



00CDD7



B3FBFF



00D707



527D80



000000



808080



# Same Dimension

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



00CDD7



00F3FF



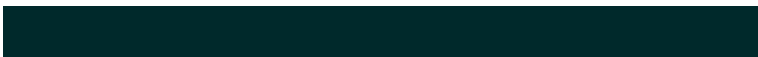
0064D7



606B6B



00A3AB



00292B



# Inverse Universe

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



D700CD



FF00F3



D77300



6B606B



AB00A3

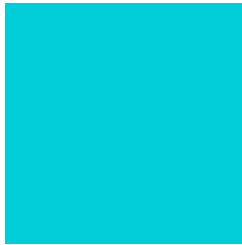


2B0029



# Previews

## White Background



This preview shows how the Hex color 00CDD7 looks on a white background.

## Color Contrast Check

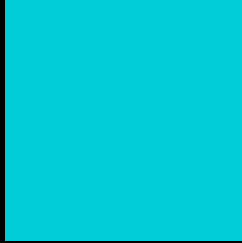
Large Text (above 18pt) WCAG AA × Fail

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 00CDD7 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 00CDD7 Background



This preview shows how black text looks on a background with the Hex color 00CDD7.

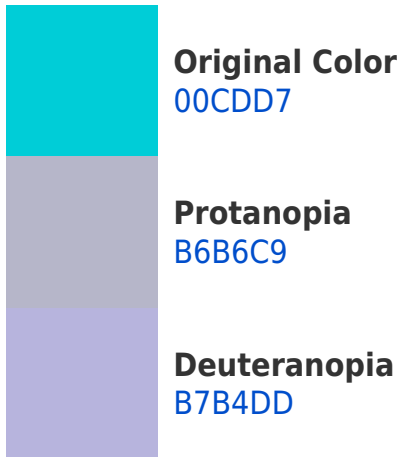


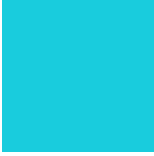
This preview shows how white text looks on a background with the Hex color 00CDD7.

# 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

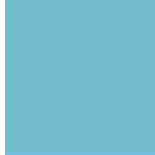




# Trichromacy



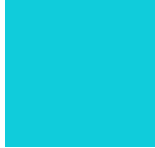
**Original Color**  
00CDD7



**Protanomaly**  
74BECE



**Deuteranomaly**  
74BDDB



**Tritanomaly**  
10CCDB

# Monochromacy



**Original Color**  
00CDD7



**Achromatopsia**  
919191



**Achromatomaly**  
5CA7AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00CDD7 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 #00CDD7 looks like.

```
.text, #text, p{  
    color:#00CDD7  
}
```

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 #00CDD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CDD7
}
```

## Border

The CSS property to change the border of an element to Hex 00CDD7 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
#00CDD7 }
```

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

```
.border{ border-color:#00CDD7 }
```

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

Here you see how a box with a 4 pixel #00CDD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CDD7; -webkit-box-shadow:4px 4px  
4px 4px #00CDD7; box-shadow:4px 4px 4px  
4px #00CDD7 }
```

# Background

The CSS property to change the background color of an element to Hex 00CDD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CDD7 }
```

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

```
.background{ background-color:#00CDD7 }
```

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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