

# Converting Colors

Hex(00CEDE)

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

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# Color

Hex(00CEDE)

# Conversions

## Conversions Part 1

Format	Color
Hex	00CEDE
RGB	0, 206, 222
RGB Percent	0%, 81%, 87%
CMY	1.0000, 0.1922, 0.1294
CMYK	1.00, 0.07, 0.00, 0.13
HSL	184°, 100%, 44%
HSV	184°, 100%, 87%
XYZ	35.2561, 49.4165, 76.7874
YIQ	146.2300, -127.9120, -38.6960

# Conversions

## Conversions Part 2

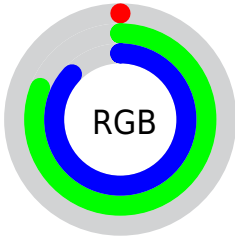
Format	Color
<a href="#">RYB</a>	0, 107, 222
Decimal	52958
CIELab	75.71, -36.05, -19.90
CIELCh	76, 41.175, 208.904
Yxy	49.4165, 0.2184, 0.3061
Android (android.graphics.Color)	4278243038 (0xFF00CEDE)
YUV	146.2300, 37.3546, -128.2437
Hunter-Lab	70.2969, -33.4962, -15.5564

# Details

The Hex color **00CEDE** 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 **DE1000**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6DFFFF**, and **0097A7** is the 20% darker color. If you saturate the color by 10%, you get **00CEDE**, and if you desaturate by 10%, it is **16D0DE**.

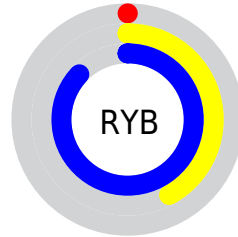
# Distribution



Red (0%)

Green (81%)

Blue (87%)



Red (0%)

Yellow (42%)

Blue (87%)

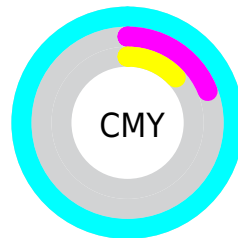


Cyan (100%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (100%)

Magenta (19%)

Yellow (13%)

# Brightness & Saturation Gradients

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



 00CEDE

 00CEDE


FFFFFF

 00B2C2

 6DFFFF

 0097A7

 8FFFFFFF

 007D8C

 AFFFFFFF

 006373

 CFFFFFFF

 004B5A

 EFFFFFFF

 003343

 001E2D

 000118

 000000

 00CEDE

 16D0DE

 2CD1DE

 43D3DE

 59D4DE

 6FD6DE

 85D8DE

 9BD9DE

 B2DBDE

 C8DCDE

# Harmonies

## Analogous

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



4BCFB8



00CEDE



38C9FB

# Triad

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



00CEDE



E9A4E2



D5B86E

# Complementary

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



00CEDE



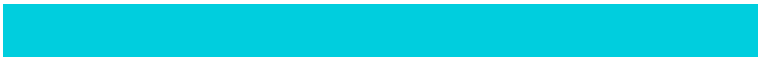
DE1000

# 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.



F3AB7B



00CEDE



FF9DBD

# Square

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



00CEDE



BDB1FD



FFA098



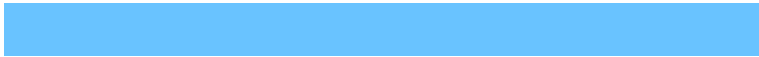
ADC377

# Rectangle

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



00CEDE



69C3FF



FFA098



E0B370



# Sweetspot

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



00CEDE



B3F9FF



00DE0F



527C80



000000



808080



# Same Dimension

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



00CEDE



00EDFF



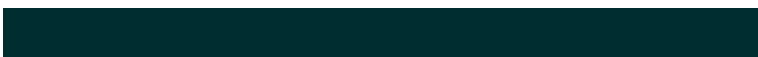
0060DE



656F70



00A3B0



002D30



# Inverse Universe

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



DE00CE



FF00ED



DE7E00



70656F



B000A3

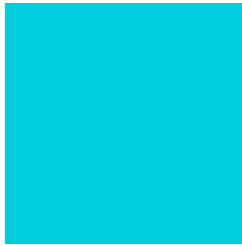


30002D



# Previews

## White Background



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

## Color Contrast Check

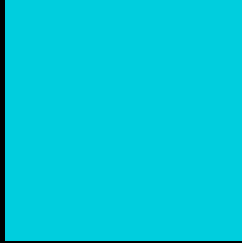
Large Text (above 18pt) WCAG AA × Fail

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 00CEDE 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 00CEDE Background



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

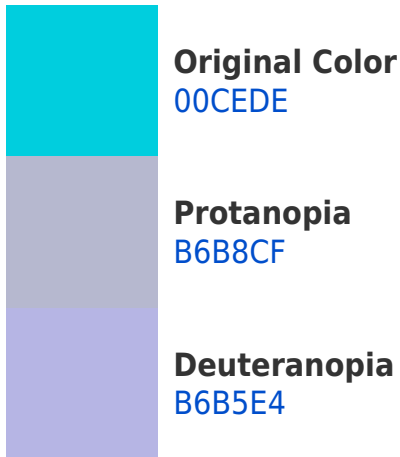


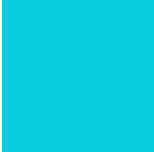
This preview shows how white text looks on a background with the Hex color 00CEDE.

# 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



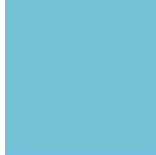


**Tritanopia**  
09CEDF

# Trichromacy



**Original Color**  
00CEDE



**Protanomaly**  
74C0D4



**Deuteranomaly**  
74BEE2



**Tritanomaly**  
06CEDF

# Monochromacy



**Original Color**  
00CEDE



**Achromatopsia**  
929292



**Achromatomaly**  
5DA8AE

# CSS Examples

## Text

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

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

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 #00CEDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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