

Converting Colors

Hex(00CDEA)

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

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Color

Hex(00CDEA)

Conversions

Conversions Part 1

Format	Color
Hex	00CDEA
RGB	0, 205, 234
RGB Percent	0%, 80%, 92%
CMY	1.0000, 0.1961, 0.0824
CMYK	1.00, 0.12, 0.00, 0.08
HSL	187°, 100%, 46%
HSV	187°, 100%, 92%
XYZ	36.6826, 49.6032, 85.4829
YIQ	147.0110, -131.4890, -34.4410

Conversions

Conversions Part 2

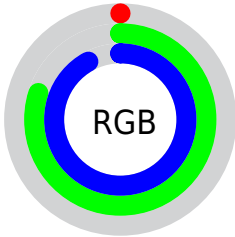
Format	Color
RYB	0, 109, 234
Decimal	52714
CIELab	75.83, -31.76, -26.18
CIELCh	76, 41.163, 219.501
Yxy	49.6032, 0.2136, 0.2888
Android (android.graphics.Color)	4278242794 (0xFF00CDEA)
YUV	147.0110, 42.8856, -128.9286
Hunter-Lab	70.4295, -30.2814, -22.6618

Details

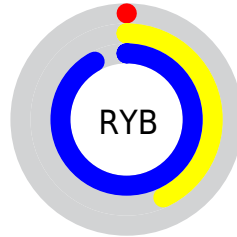
The Hex color **00CDEA** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **EA1D00**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6FFFFFF**, and **0096B2** is the 20% darker color. If you saturate the color by 10%, you get **00CDEA**, and if you desaturate by 10%, it is **17D0EA**.

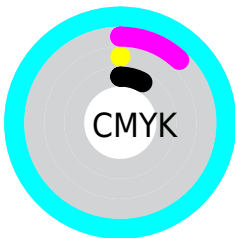
Distribution



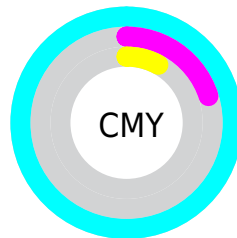
- Red (0%)
- Green (80%)
- Blue (92%)



- Red (0%)
- Yellow (43%)
- Blue (92%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 00CDEA


 00CDEA

FFFFFF

 00B1CE

 6FFFFFF

 0096B2

 91FFFF

 007C97

 B2FFFF

 00637D

 D1FFFF

 004A64

 F1FFFF

 00334C

 001F35

 000220

 000004

 00CDEA

 17D0EA

 2FD3EA

 46D6EA

 5ED9EA

 75DCEA

 8CDEEA

 A4E1EA

 BBE4EA

 D3E7EA

Harmonies

Analogous

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



36CFC6



00CDEA



53C6FF

Triad

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



00CDEA



F4A1D6



C8BD6F

Complementary

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



00CDEA



EA1D00

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.



EAB074



00CDEA



FF9DB0

Square

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



00CDEA



CFADF6



FFA38C



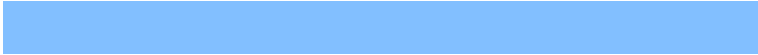
9EC77F

Rectangle

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



00CDEA



82BFFF



FFA38C



D4B86E

Sweetspot

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



00CDEA



B3F6FF



00EA1B



527A80



000000



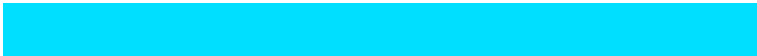
808080

Same Dimension

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



00CDEA



00DFFF



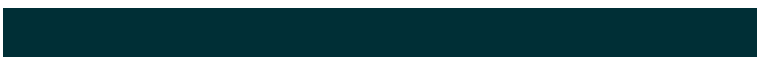
005AEA



6A7475



009FB5



002F36

Inverse Universe

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



EA00CD



FF00DF



EA9000



756A74



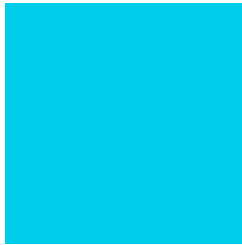
B5009F



36002F

Previews

White Background



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

Color Contrast Check

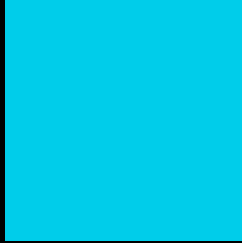
Large Text (above 18pt) WCAG AA × Fail

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 00CDEA 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 00CDEA Background



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

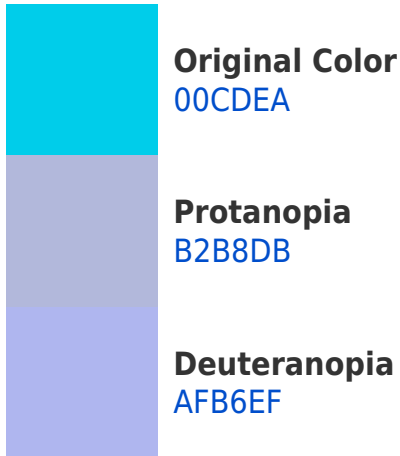


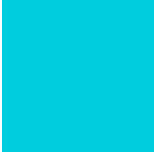
This preview shows how white text looks on a background with the Hex color 00CDEA.

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

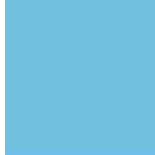




Trichromacy



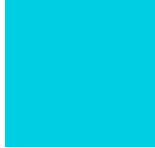
Original Color
00CDEA



Protanomaly
71C0E0



Deuteranomaly
6FBEEB



Tritanomaly
00CEE3

Monochromacy



Original Color
00CDEA



Achromatopsia
939393



Achromatomaly
5EA8B3

CSS Examples

Text

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

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

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 #00CDEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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