

Converting Colors

Hex(00D2EA)

Have a look what the booklet for
Hex(00D2EA) contains.

Hex(00D2EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00D2EA)

Conversions

Conversions Part 1

Format	Color
Hex	00D2EA
RGB	0, 210, 234
RGB Percent	0%, 82%, 92%
CMY	1.0000, 0.1765, 0.0824
CMYK	1.00, 0.10, 0.00, 0.08
HSL	186°, 100%, 46%
HSV	186°, 100%, 92%
XYZ	37.8979, 52.0337, 85.8880
YIQ	149.9460, -132.8640, -37.0560

Conversions

Conversions Part 2

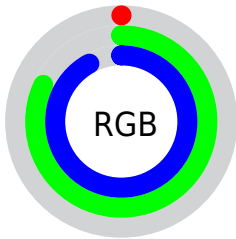
Format	Color
RYB	0, 111, 234
Decimal	53994
CIELab	77.30, -34.15, -23.93
CIELCh	77, 41.698, 215.022
Yxy	52.0337, 0.2155, 0.2959
Android (android.graphics.Color)	4278244074 (0xFF00D2EA)
YUV	149.9460, 41.4386, -131.5026
Hunter-Lab	72.1344, -32.4551, -20.1005

Details

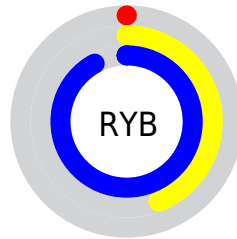
The Hex color **00D2EA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EA1800**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **70FFFF**, and **009BB2** is the 20% darker color. If you saturate the color by 10%, you get **00D2EA**, and if you desaturate by 10%, it is **17D4EA**.

Distribution



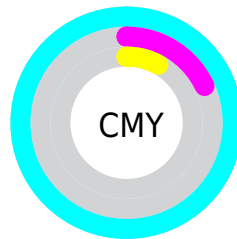
- Red (0%)
- Green (82%)
- Blue (92%)



- Red (0%)
- Yellow (44%)
- Blue (92%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (18%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D2EA 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 00D2EA by changing the saturation by 10% instead.

 00D2EA

 00D2EA

FFFFFF

 00B6CE

 70FFFF

 009BB2

 92FFFF

 008197

 B2FFFF

 00677E

 D2FFFF

 004E64

 F2FFFF

 00374C

 002336

 000220

 000005

 00D2EA

 17D4EA

 2FD7EA

 46D9EA

 5EDCEA

 75DEEA

 8CE0EA

 A4E3EA

 BBE5EA

 D3E8EA

Harmonies

Analogous

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



41D4C4



00D2EA



4ACCFE

Triad

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



00D2EA



F5A6E0



D2BF71

Complementary

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



00D2EA



EA1800

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.



F3B17A



00D2EA



FFA1BA

Square

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



00D2EA



CCB3FE



FFA595



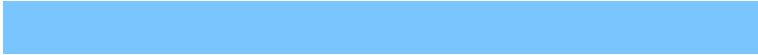
A9CA7E

Rectangle

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



00D2EA



7BC5FF



FFA595



DEBA71

Sweetspot

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



00D2EA



B3F7FF



00EA17



527B80



000000



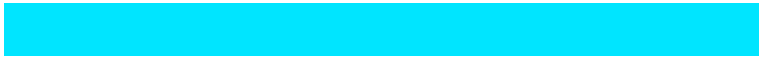
808080

Same Dimension

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



00D2EA



00E5FF



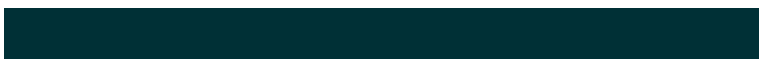
005EEA



6A7475



00A2B5



003036

Inverse Universe

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



EA00D2



FF00E5



EA8C00



756A74



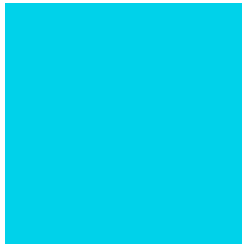
B500A2



360030

Previews

White Background



This preview shows how the Hex color 00D2EA looks on a white background.

Color Contrast Check

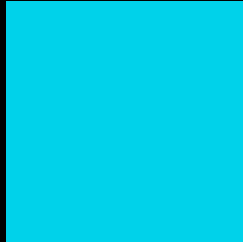
Large Text (above 18pt) WCAG AA × Fail

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 00D2EA 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 00D2EA Background



This preview shows how black text looks on a background with the Hex color 00D2EA.

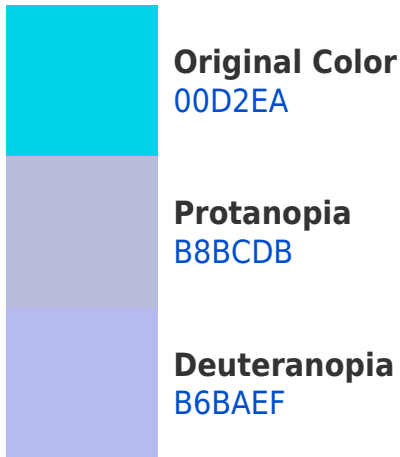


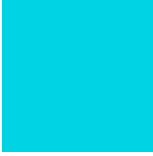
This preview shows how white text looks on a background with the Hex color 00D2EA.

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



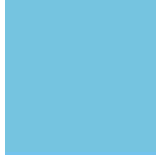


Tritanopia
00D3E4

Trichromacy



Original Color
00D2EA



Protanomaly
75C4E0

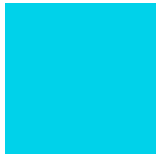


Deuteranomaly
74C3ED



Tritanomaly
00D3E6

Monochromacy



Original Color
00D2EA



Achromatopsia
969696



Achromatomaly
5FACB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D2EA 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 #00D2EA looks like.

```
.text, #text, p{  
    color:#00D2EA  
}
```

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 #00D2EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D2EA
}
```

Border

The CSS property to change the border of an element to Hex 00D2EA 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
#00D2EA }
```

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

```
.border{ border-color:#00D2EA }
```

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

Here you see how a box with a 4 pixel #00D2EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D2EA; -webkit-box-shadow:4px 4px  
4px 4px #00D2EA; box-shadow:4px 4px 4px  
4px #00D2EA }
```

Background

The CSS property to change the background color of an element to Hex 00D2EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D2EA }
```

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

```
.background{ background-color:#00D2EA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor