

Converting Colors

Hex(00D8EB)

Have a look what the booklet for
Hex(00D8EB) contains.

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Color

Hex(00D8EB)

Conversions

Conversions Part 1

Format	Color
Hex	00D8EB
RGB	0, 216, 235
RGB Percent	0%, 85%, 92%
CMY	1.0000, 0.1529, 0.0784
CMYK	1.00, 0.08, 0.00, 0.08
HSL	185°, 100%, 46%
HSV	185°, 100%, 92%
XYZ	39.5513, 55.1099, 87.1500
YIQ	153.5820, -134.8350, -39.8830

Conversions

Conversions Part 2

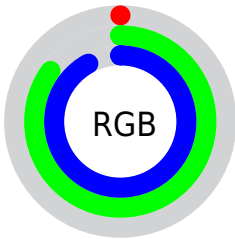
Format	Color
RYB	0, 113, 235
Decimal	55531
CIELab	79.10, -36.65, -21.72
CIELCh	79, 42.599, 210.657
Yxy	55.1099, 0.2175, 0.3031
Android (android.graphics.Color)	4278245611 (0xFF00D8EB)
YUV	153.5820, 40.1391, -134.6914
Hunter-Lab	74.2360, -34.8123, -17.6387

Details

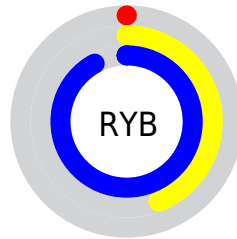
The Hex color **00D8EB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EB1300**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **71FFFF**, and **00A1B3** is the 20% darker color. If you saturate the color by 10%, you get **00D8EB**, and if you desaturate by 10%, it is **17DAEB**.

Distribution



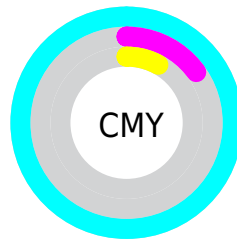
- Red (0%)
- Green (85%)
- Blue (92%)



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



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



- Cyan (100%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D8EB 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 00D8EB by changing the saturation by 10% instead.

 00D8EB

 00D8EB

FFFFFF

 00BCCF

 71FFFF

 00A1B3

 93FFFF

 008698

 B4FFFF

 006C7E

 D4FFFF

 005365

 F4FFFF

 003B4D

 002736

 000222

 000007

 00D8EB

 17DAEB

 2FDCEB

 47DEEB

 5EE0EB

 76E2EB

 8DE3EB

 A4E5EB

 BCE7EB

 D3E9EB

Harmonies

Analogous

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



4CD9C3



00D8EB



40D2FF

Triad

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



00D8EB



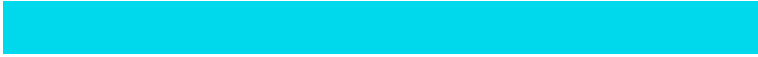
F7ACEB



DDC274

Complementary

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



00D8EB



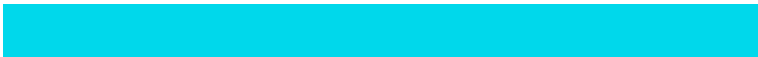
EB1300

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.



FDB480



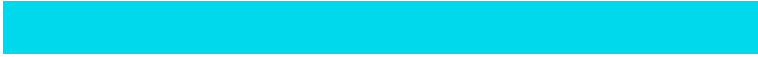
00D8EB



FFA5C5

Square

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



00D8EB



C9B9FF



FFA89D



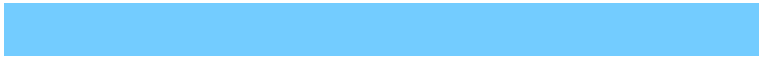
B4CE7E

Rectangle

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



00D8EB



73CCFF



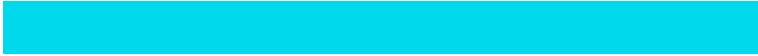
FFA89D



E9BD75

Sweetspot

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



00D8EB



B3F9FF



00EB10



527C80



000000



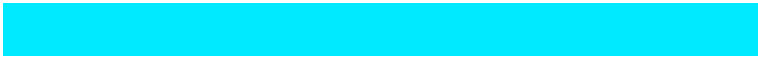
808080

Same Dimension

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



00D8EB



00EAFB



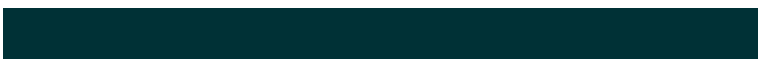
0066EB



6A7475



00A6B5



003136

Inverse Universe

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



EB00D8



FF00EA



EB8500



756A74



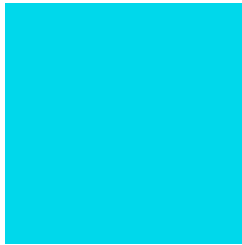
B500A6



360031

Previews

White Background



This preview shows how the Hex color 00D8EB looks on a white background.

Color Contrast Check

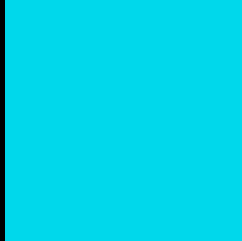
Large Text (above 18pt) WCAG AA × Fail

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 00D8EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

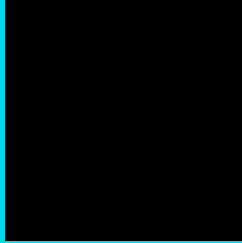
Any Text WCAG AA ✓ Pass

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 00D8EB Background



This preview shows how black text looks on a background with the Hex color 00D8EB.



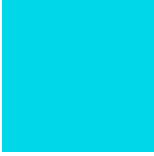
This preview shows how white text looks on a background with the Hex color 00D8EB.

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



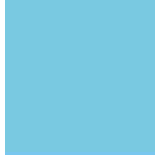


Tritanopia
00D8EA

Trichromacy



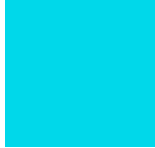
Original Color
00D8EB



Protanomaly
79C9E1



Deuteranomaly
79C7EF



Tritanomaly
00D8EA

Monochromacy



Original Color
00D8EB



Achromatopsia
9A9A9A



Achromatomaly
62B1B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D8EB 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 #00D8EB looks like.

```
.text, #text, p{  
    color:#00D8EB  
}
```

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 #00D8EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D8EB  
}
```

Border

The CSS property to change the border of an element to Hex 00D8EB 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  
#00D8EB }
```

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

```
.border{ border-color:#00D8EB }
```

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

Here you see how a box with a 4 pixel #00D8EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D8EB; -webkit-box-shadow:4px 4px  
4px 4px #00D8EB; box-shadow:4px 4px 4px  
4px #00D8EB }
```

Background

The CSS property to change the background color of an element to Hex 00D8EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D8EB }
```

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

```
.background{ background-color:#00D8EB }
```

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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