

Converting Colors

Hex(00D6E8)

Have a look what the booklet for
Hex(00D6E8) contains.

Hex(00D6E8)	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(00D6E8)

Conversions

Conversions Part 1

Format	Color
Hex	00D6E8
RGB	0, 214, 232
RGB Percent	0%, 84%, 91%
CMY	1.0000, 0.1608, 0.0902
CMYK	1.00, 0.08, 0.00, 0.09
HSL	185°, 100%, 45%
HSV	185°, 100%, 91%
XYZ	38.6121, 53.9193, 84.7163
YIQ	152.0660, -133.3220, -39.7700

Conversions

Conversions Part 2

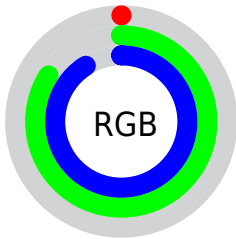
Format	Color
RYB	0, 111, 232
Decimal	55016
CIELab	78.41, -36.65, -21.17
CIELCh	78, 42.323, 210.007
Yxy	53.9193, 0.2178, 0.3042
Android (android.graphics.Color)	4278245096 (0xFF00D6E8)
YUV	152.0660, 39.4075, -133.3619
Hunter-Lab	73.4298, -34.6403, -17.0023

Details

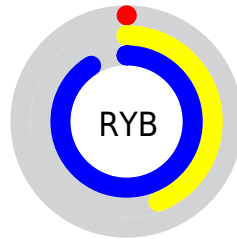
The Hex color **00D6E8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E81200**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **70FFFF**, and **009FB0** is the 20% darker color. If you saturate the color by 10%, you get **00D6E8**, and if you desaturate by 10%, it is **17D8E8**.

Distribution



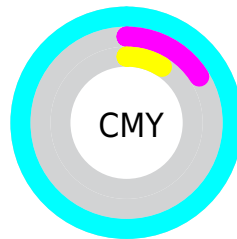
- Red (0%)
- Green (84%)
- Blue (91%)



- Red (0%)
- Yellow (44%)
- Blue (91%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D6E8 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 00D6E8 by changing the saturation by 10% instead.

 00D6E8

 00D6E8

FFFFFF

 00BACC

 70FFFF

 009FB0

 92FFFF

 008496

 B3FFFF

 006A7C

 D3FFFF

 005163

 F3FFFF

 003A4B

 002534

 00021F

 000003

 00D6E8

 17D8E8

 2EDAE8

 46DBE8

 5DDDE8

 74DFE8

 8BE1E8

 A2E3E8

 BAE4E8

 D1E6E8

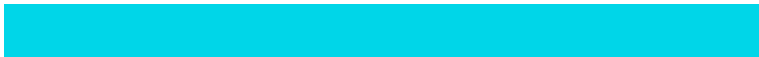
Harmonies

Analogous

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



4CD7C1



00D6E8



3ED0FF

Triad

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



00D6E8



F3AAEA



DCC073

Complementary

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



00D6E8



E81200

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.



FBB27F



00D6E8



FFA3C4

Square

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



00D6E8



C6B8FF



FFA79D



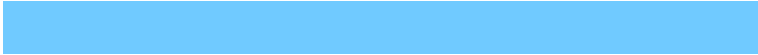
B3CB7C

Rectangle

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



00D6E8



70CAFF



FFA79D



E7BB74

Sweetspot

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



00D6E8



B3F9FF



00E80F



527C80



000000



808080

Same Dimension

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



00D6E8



00EBFF



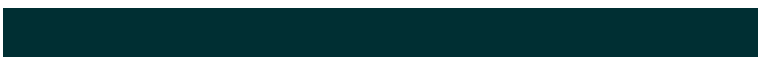
0065E8



677273



00A5B3



002F33

Inverse Universe

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



E800D6



FF00EB



E88300



736772



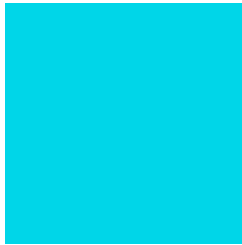
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 00D6E8 looks on a white background.

Color Contrast Check

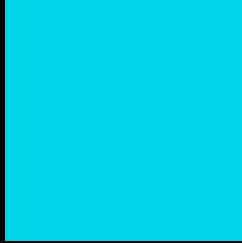
Large Text (above 18pt) WCAG AA × Fail

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 00D6E8 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 00D6E8 Background



This preview shows how black text looks on a background with the Hex color 00D6E8.

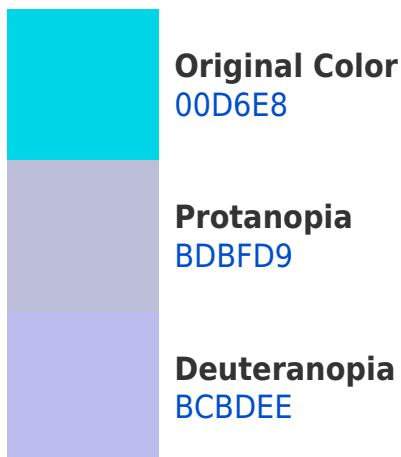


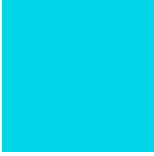
This preview shows how white text looks on a background with the Hex color 00D6E8.

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



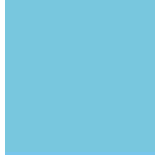


Tritanopia
00D6E7

Trichromacy



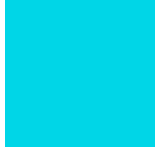
Original Color
00D6E8



Protanomaly
78C7DE



Deuteranomaly
78C6EC



Tritanomaly
00D6E7

Monochromacy



Original Color
00D6E8



Achromatopsia
989898



Achromatomaly
61AFB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D6E8 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 #00D6E8 looks like.

```
.text, #text, p{  
    color:#00D6E8  
}
```

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 #00D6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D6E8
}
```

Border

The CSS property to change the border of an element to Hex 00D6E8 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
#00D6E8 }
```

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

```
.border{ border-color:#00D6E8 }
```

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

Here you see how a box with a 4 pixel #00D6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D6E8; -webkit-box-shadow:4px 4px  
4px 4px #00D6E8; box-shadow:4px 4px 4px  
4px #00D6E8 }
```

Background

The CSS property to change the background color of an element to Hex 00D6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D6E8 }
```

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

```
.background{ background-color:#00D6E8 }
```

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