

Converting Colors

Hex(00D7E8)

Have a look what the booklet for
Hex(00D7E8) contains.

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Color

Hex(00D7E8)

Conversions

Conversions Part 1

Format	Color
Hex	00D7E8
RGB	0, 215, 232
RGB Percent	0%, 84%, 91%
CMY	1.0000, 0.1569, 0.0902
CMYK	1.00, 0.07, 0.00, 0.09
HSL	184°, 100%, 45%
HSV	184°, 100%, 91%
XYZ	38.8659, 54.4271, 84.8010
YIQ	152.6530, -133.5970, -40.2930

Conversions

Conversions Part 2

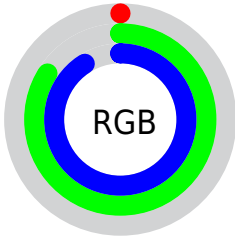
Format	Color
RYB	0, 112, 232
Decimal	55272
CIELab	78.71, -37.11, -20.72
CIELCh	79, 42.505, 209.171
Yxy	54.4271, 0.2182, 0.3056
Android (android.graphics.Color)	4278245352 (0xFF00D7E8)
YUV	152.6530, 39.1181, -133.8767
Hunter-Lab	73.7747, -35.0685, -16.5091

Details

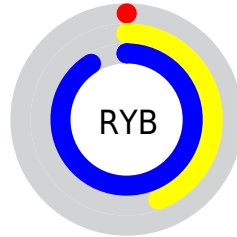
The Hex color **00D7E8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E81100**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **70FFFF**, and **00A0B0** is the 20% darker color. If you saturate the color by 10%, you get **00D7E8**, and if you desaturate by 10%, it is **17D9E8**.

Distribution



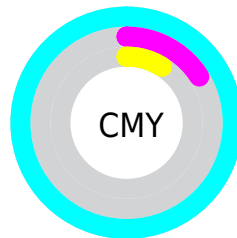
- Red (0%)
- Green (84%)
- Blue (91%)



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



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00D7E8 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 00D7E8 by changing the saturation by 10% instead.

 00D7E8

 00D7E8

FFFFFF

 00BBCC

 70FFFF

 00A0B0

 92FFFF

 008596

 B3FFFF

 006B7C

 D3FFFF

 005263

 F3FFFF

 003A4B

 002634

 000220

 000003

 00D7E8

 17D9E8

 2EDAE8

 46DCE8

 5DDEE8

 74E0E8

 8BE1E8

 A2E3E8

 BAE5E8

 D1E6E8

Harmonies

Analogous

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



4ED8C0



00D7E8



3BD1FF

Triad

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



00D7E8



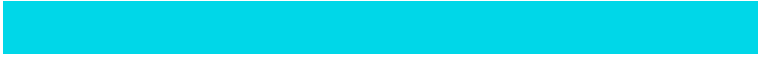
F4ABEC



DEC073

Complementary

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



00D7E8



E81100

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.



FDB280



00D7E8



FFA4C5

Square

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



00D7E8



C6B9FF



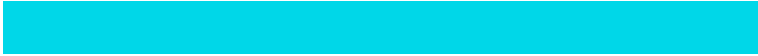
FFA79E



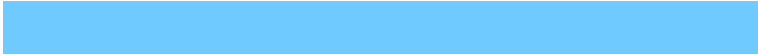
B5CC7C

Rectangle

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



00D7E8



6FCBFF



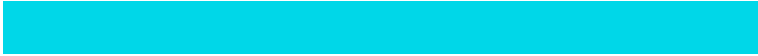
FFA79E



E9BB75

Sweetspot

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



00D7E8



B3F9FF



00E80F



527C80



000000



808080

Same Dimension

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



00D7E8



00ECFF



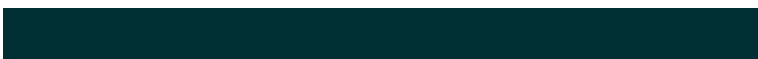
0065E8



677273



00A5B3



002F33

Inverse Universe

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



E800D7



FF00EC



E88300



736772



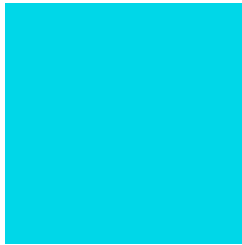
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 00D7E8 looks on a white background.

Color Contrast Check

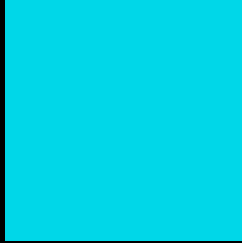
Large Text (above 18pt) WCAG AA × Fail

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 00D7E8 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 00D7E8 Background



This preview shows how black text looks on a background with the Hex color 00D7E8.

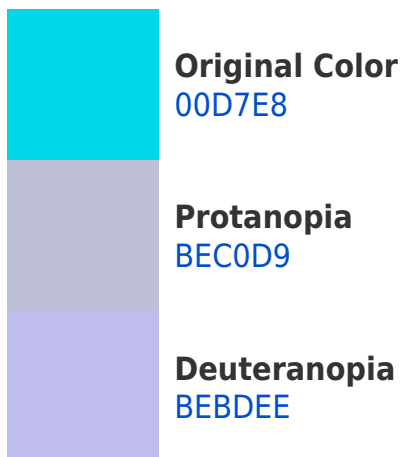


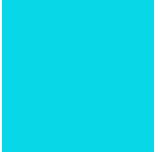
This preview shows how white text looks on a background with the Hex color 00D7E8.

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



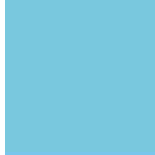


Tritanopia
08D7E8

Trichromacy



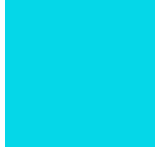
Original Color
00D7E8



Protanomaly
79C8DE



Deuteranomaly
79C6EC



Tritanomaly
05D7E8

Monochromacy



Original Color
00D7E8



Achromatopsia
999999



Achromatomaly
61B0B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D7E8 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 #00D7E8 looks like.

```
.text, #text, p{  
    color:#00D7E8  
}
```

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 #00D7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D7E8
}
```

Border

The CSS property to change the border of an element to Hex 00D7E8 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
#00D7E8 }
```

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

```
.border{ border-color:#00D7E8 }
```

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

Here you see how a box with a 4 pixel #00D7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D7E8; -webkit-box-shadow:4px 4px  
4px 4px #00D7E8; box-shadow:4px 4px 4px  
4px #00D7E8 }
```

Background

The CSS property to change the background color of an element to Hex 00D7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D7E8 }
```

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

```
.background{ background-color:#00D7E8 }
```

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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