

Converting Colors

Hex(00DFD8)

Have a look what the booklet for
Hex(00DFD8) contains.

Hex(00DFD8)	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(00DFD8)

Conversions

Conversions Part 1

Format	Color
Hex	00DFD8
RGB	0, 223, 216
RGB Percent	0%, 87%, 85%
CMY	1.0000, 0.1255, 0.1529
CMYK	1.00, 0.00, 0.03, 0.13
HSL	178°, 100%, 44%
HSV	178°, 100%, 87%
XYZ	38.7823, 57.7332, 74.0653
YIQ	155.5250, -130.6610, -49.4530

Conversions

Conversions Part 2

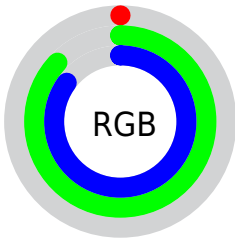
Format	Color
RYB	0, 113, 223
Decimal	57304
CIELab	80.59, -45.48, -9.36
CIELCh	81, 46.437, 191.626
Yxy	57.7332, 0.2274, 0.3385
Android (android.graphics.Color)	4278247384 (0xFF00DFD8)
YUV	155.5250, 29.8142, -136.3954
Hunter-Lab	75.9824, -41.8606, -4.6064

Details

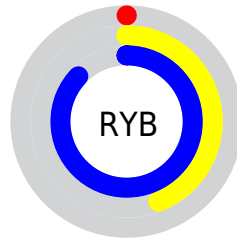
The Hex color **00DFD8** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DF0007**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **6FFFFFF**, and **00A7A1** is the 20% darker color. If you saturate the color by 10%, you get **00DFD8**, and if you desaturate by 10%, it is **16DFD9**.

Distribution



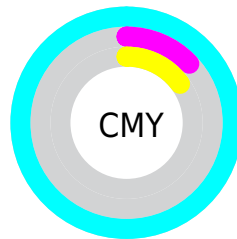
- Red (0%)
- Green (87%)
- Blue (85%)



- Red (0%)
- Yellow (44%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DFD8 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 00DFD8 by changing the saturation by 10% instead.

 00DFD8

 00DFD8

FFFFFF

 00C3BC

 6FFFFFF

 00A7A1

 91FFFF

 008C87

 B2FFFF

 00726E

 D2FFFF

 005856

 F2FFFF

 00403E

 002A29

 000515

 000000

 00DFD8

 16DFD9

 2DDFD9

 43DFDA

 59DFDB

 70DFDC

 86DFDC

 9CDFDD

 B2DFDE

 C9DFDE

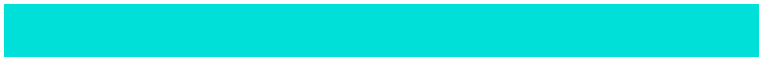
Harmonies

Analogous

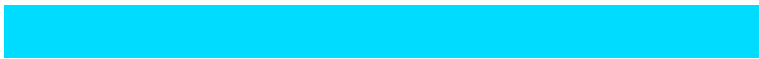
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6BDDAB



00DFD8



00DCFF

Triad

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



00DFD8



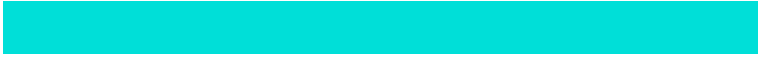
E2B6FF



FBBC76

Complementary

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



00DFD8



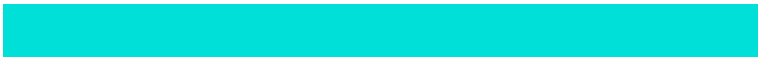
DF0007

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.



FFAE90



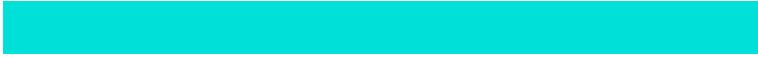
00DFD8



FFA9E4

Square

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



00DFD8



A3C7FF



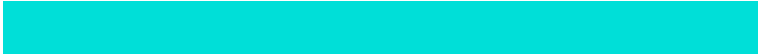
FFA6B9



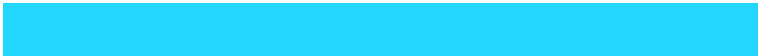
D3CB71

Rectangle

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



00DFD8



24D7FF



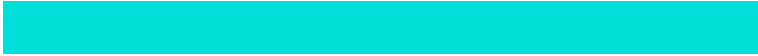
FFA6B9



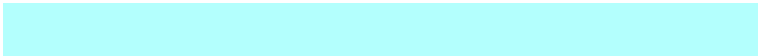
FFB77D

Sweetspot

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



00DFD8



B3FFFD



07DF00



52807E



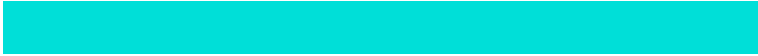
000000



808080

Same Dimension

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



00DFD8



00FFF7



0077DF



657070



00B0AA



00302F

Inverse Universe

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



DF0007



FF0008



DF6800



706565



B00006



300002

Previews

White Background



This preview shows how the Hex color 00DFD8 looks on a white background.

Color Contrast Check

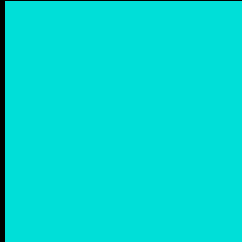
Large Text (above 18pt) WCAG AA × Fail

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 00DFD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

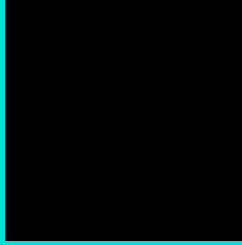
Any Text WCAG AA ✓ Pass

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 00DFD8 Background



This preview shows how black text looks on a background with the Hex color 00DFD8.

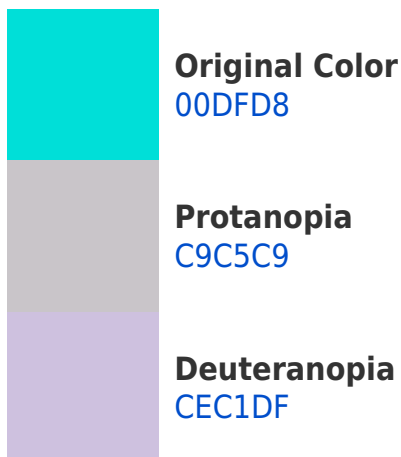


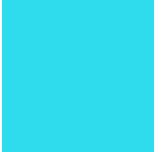
This preview shows how white text looks on a background with the Hex color 00DFD8.

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



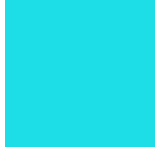
Original Color
00DFD8



Protanomaly
80CECE



Deuteranomaly
83CCDC



Tritanomaly
1DDDE6

Monochromacy



Original Color
00DFD8



Achromatopsia
9C9C9C



Achromatomaly
63B4B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DFD8 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 #00DFD8 looks like.

```
.text, #text, p{  
    color:#00DFD8  
}
```

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 #00DFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DFD8
}
```

Border

The CSS property to change the border of an element to Hex 00DFD8 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
#00DFD8 }
```

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

```
.border{ border-color:#00DFD8 }
```

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

Here you see how a box with a 4 pixel #00DFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DFD8; -webkit-box-shadow:4px 4px  
4px 4px #00DFD8; box-shadow:4px 4px 4px  
4px #00DFD8 }
```

Background

The CSS property to change the background color of an element to Hex 00DFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DFD8 }
```

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

```
.background{ background-color:#00DFD8 }
```

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