

Converting Colors

Hex(00DFC6)

Have a look what the booklet for
Hex(00DFC6) contains.

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Color

Hex(00DFC6)

Conversions

Conversions Part 1

Format	Color
Hex	00DFC6
RGB	0, 223, 198
RGB Percent	0%, 87%, 78%
CMY	1.0000, 0.1255, 0.2235
CMYK	1.00, 0.00, 0.11, 0.13
HSL	173°, 100%, 44%
HSV	173°, 100%, 87%
XYZ	36.5807, 56.8526, 62.4717
YIQ	153.4730, -124.8830, -55.0510

Conversions

Conversions Part 2

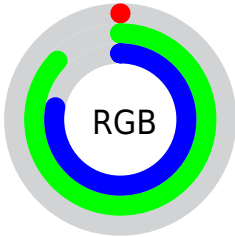
Format	Color
RYB	0, 118, 223
Decimal	57286
CIELab	80.10, -50.51, -0.51
CIELCh	80, 50.514, 180.574
Yxy	56.8526, 0.2346, 0.3647
Android (android.graphics.Color)	4278247366 (0xFF00DFC6)
YUV	153.4730, 21.9518, -134.5958
Hunter-Lab	75.4006, -45.3516, 3.6569

Details

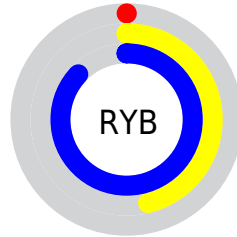
The Hex color **00DFC6** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DF0019**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6EFFFF**, and **00A790** is the 20% darker color. If you saturate the color by 10%, you get **00DFC6**, and if you desaturate by 10%, it is **16DFC9**.

Distribution



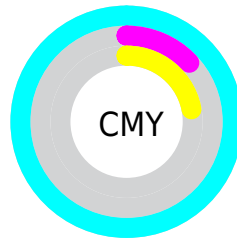
- Red (0%)
- Green (87%)
- Blue (78%)



- Red (0%)
- Yellow (46%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DFC6 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 00DFC6 by changing the saturation by 10% instead.

 00DFC6

 00DFC6

FFFFFF

 00C3AB

 6EFFFF

 00A790

 8FFFFFF

 008C77

 B0FFFF

 00715E

 CFFFFFF

 005847

 EFFFFFF

 003F30

 00291B

 000102

 000000

 00DFC6

 16DFC9

 2DDFCB

 43DFCE

 59DFD0

 70DFD3

 86DFD5

 9CDFD8

 B2DFDA

 C9DFDD

Harmonies

Analogous

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



78DB97



00DFC6



00DEF5

Triad

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



00DFC6



CCBAFF



FFB375

Complementary

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



00DFC6



DF0019

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.



FFA599



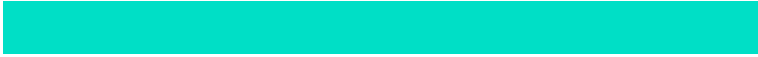
00DFC6



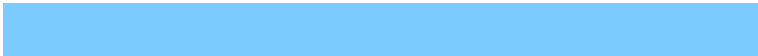
FFA9F6

Square

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



00DFC6



7BCBFF



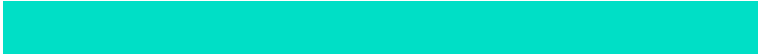
FFA0C8



E3C466

Rectangle

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



00DFC6



00DAFF



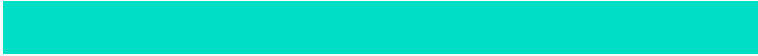
FFA0C8



FFAE7F

Sweetspot

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



00DFC6



B3FFF6



1ADF00



52807A



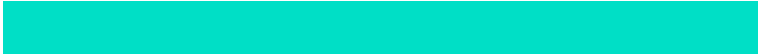
000000



808080

Same Dimension

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



00DFC6



00FFE2



008ADF



65706F



00B09C



00302B

Inverse Universe

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



DF0019



FF001D



DF5500



706566



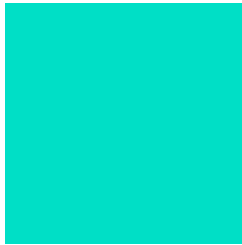
B00014



300005

Previews

White Background



This preview shows how the Hex color 00DFC6 looks on a white background.

Color Contrast Check

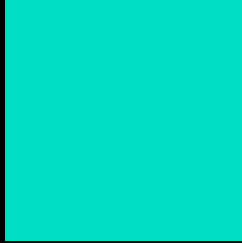
Large Text (above 18pt) WCAG AA × Fail

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 00DFC6 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

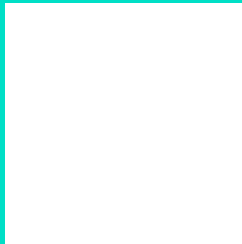
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00DFC6 Background



This preview shows how black text looks on a background with the Hex color 00DFC6.



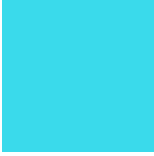
This preview shows how white text looks on a background with the Hex color 00DFC6.

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



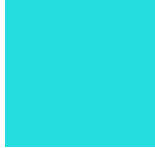
Original Color
00DFC6



Protanomaly
82CEBC



Deuteranomaly
87CBCA



Tritanomaly
25DCDE

Monochromacy



Original Color
00DFC6



Achromatopsia
999999



Achromatomaly
61B2A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DFC6 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 #00DFC6 looks like.

```
.text, #text, p{  
    color:#00DFC6  
}
```

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 #00DFC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DFC6
}
```

Border

The CSS property to change the border of an element to Hex 00DFC6 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
#00DFC6 }
```

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

```
.border{ border-color:#00DFC6 }
```

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

Here you see how a box with a 4 pixel #00DFC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DFC6; -webkit-box-shadow:4px 4px  
4px 4px #00DFC6; box-shadow:4px 4px 4px  
4px #00DFC6 }
```

Background

The CSS property to change the background color of an element to Hex 00DFC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DFC6 }
```

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

```
.background{ background-color:#00DFC6 }
```

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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