

Converting Colors

Hex(00DCAF)

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

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Color

Hex(00DCAF)

Conversions

Conversions Part 1

Format	Color
Hex	00DCAF
RGB	0, 220, 175
RGB Percent	0%, 86%, 69%
CMY	1.0000, 0.1373, 0.3137
CMYK	1.00, 0.00, 0.20, 0.14
HSL	168°, 100%, 43%
HSV	168°, 100%, 86%
XYZ	33.3311, 54.2815, 49.2781
YIQ	149.0900, -116.6750, -60.6350

Conversions

Conversions Part 2

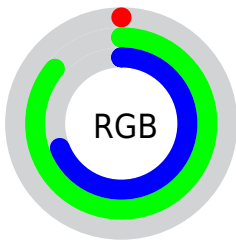
Format	Color
RYB	0, 123, 220
Decimal	56495
CIELab	78.63, -55.28, 9.59
CIELCh	79, 56.102, 170.154
Yxy	54.2815, 0.2435, 0.3965
Android (android.graphics.Color)	4278246575 (0xFF00DCAF)
YUV	149.0900, 12.7736, -130.7519
Hunter-Lab	73.6760, -48.1795, 11.9172

Details

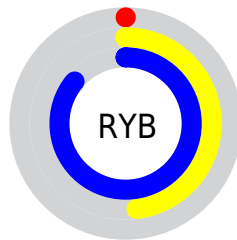
The Hex color **00DCAF** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **DC002D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6BFFE7**, and **00A47B** is the 20% darker color. If you saturate the color by 10%, you get **00DCAF**, and if you desaturate by 10%, it is **16DCB4**.

Distribution



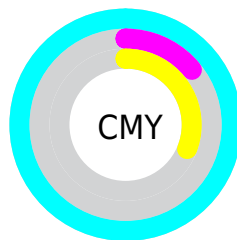
- Red (0%)
- Green (86%)
- Blue (69%)



- Red (0%)
- Yellow (48%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 00DCAF

 00DCAF

FFFFFF

 00C094

 6BFFE7

 00A47B

 8DFFFF

 008962

 ACFFFF

 006E4A

 CCFFFF

 005433

 EBFFFF

 003C1E

 002506

 000000

 00DCAF

 16DCB4

 2CDCB8

 42DCBD

 58DCC1

 6EDCC6

 84DCCA

 9ADCCF

 B0DCD3

 C6DCD8

Harmonies

Analogous

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



82D67D



00DCAF



00DDE5

Triad

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



00DCAF



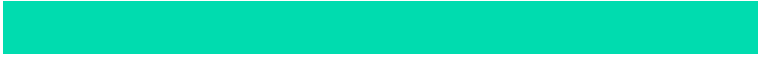
AABCFF



FFA774

Complementary

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



00DCAF



DC002D

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.



FF98A1



00DCAF



F2A7FF

Square

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



00DCAF



21CFFF



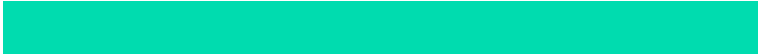
FF98D6



F0BA59

Rectangle

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



00DCAF



00DAFF



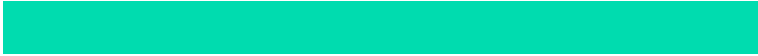
FF98D6



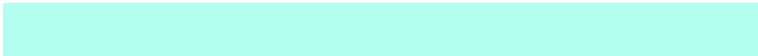
FFA182

Sweetspot

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



00DCAF



B3FFEF



30DC00



528076



000000



808080

Same Dimension

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



00DCAF



00FFCB



009EDC



636E6B



00AD8A



002E25

Inverse Universe

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



DC002D



FF0034



DC3E00



6E6365



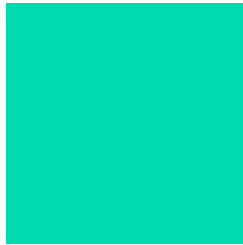
AD0023



2E0009

Previews

White Background



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

Color Contrast Check

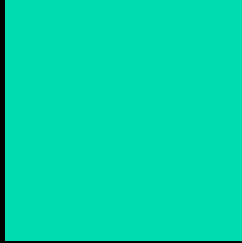
Large Text (above 18pt) WCAG AA × Fail

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 00DCAF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

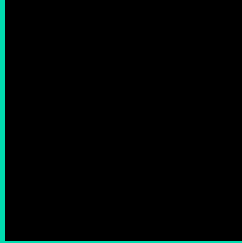
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

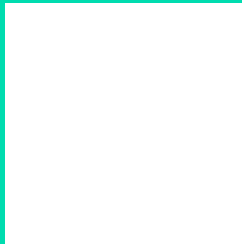
Any Text WCAG AAA ✓ Pass

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

Hex 00DCAF Background



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

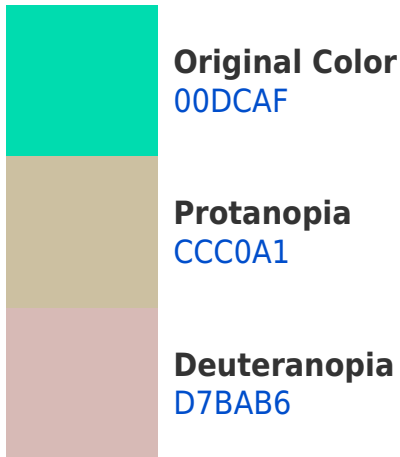


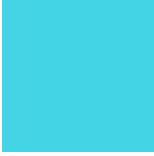
This preview shows how white text looks on a background with the Hex color 00DCAF.

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
43D5E6

Trichromacy



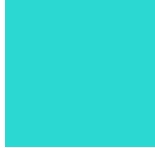
Original Color
00DCAF



Protanomaly
82CAA6



Deuteranomaly
89C6B3



Tritanomaly
2BD8D2

Monochromacy



Original Color
00DCAF



Achromatopsia
959595



Achromatomaly
5FAF9E

CSS Examples

Text

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

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

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 #00DCAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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