

Converting Colors

Hex(00DCDC)

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

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Color

Hex(00DCDC)

Conversions

Conversions Part 1

Format	Color
Hex	00DCDC
RGB	0, 220, 220
RGB Percent	0%, 86%, 86%
CMY	1.0000, 0.1373, 0.1373
CMYK	1.00, 0.00, 0.00, 0.14
HSL	180°, 100%, 43%
HSV	180°, 100%, 86%
XYZ	38.5115, 56.3537, 76.5577
YIQ	154.2200, -131.1200, -46.6400

Conversions

Conversions Part 2

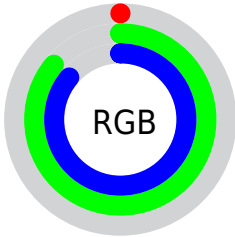
Format	Color
RYB	0, 110, 220
Decimal	56540
CIELab	79.81, -43.01, -12.65
CIELCh	80, 44.828, 196.386
Yxy	56.3537, 0.2247, 0.3287
Android (android.graphics.Color)	4278246620 (0xFF00DCDC)
YUV	154.2200, 32.4295, -135.2509
Hunter-Lab	75.0691, -39.7980, -7.9174

Details

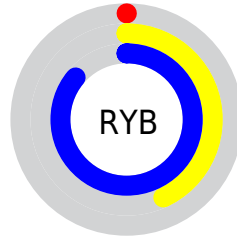
The Hex color **00DCDC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DC0000**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **6FFFFFF**, and **00A4A5** is the 20% darker color. If you saturate the color by 10%, you get **00DCDC**, and if you desaturate by 10%, it is **16DCDC**.

Distribution



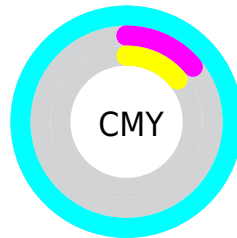
- Red (0%)
- Green (86%)
- Blue (86%)



- Red (0%)
- Yellow (43%)
- Blue (86%)



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



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

Brightness & Saturation Gradients

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

 00DCDC

 00DCDC

FFFFFF

 00C0C0


 6FFFFFFF

 00A4A5

 91FFFF

 00898B

 B2FFFF

 006F71

 D2FFFF

 005659

 F2FFFF

 003D42

 00292B

 000118

 000000

 00DCDC

 16DCDC

 2CDCDC

 42DCDC

 58DCDC

 6EDCDC

 84DCDC

 9ADCDC

 B0DCDC

 C6DCDC

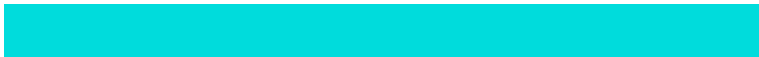
Harmonies

Analogous

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



63DBB1



00DCDC



00D8FF

Triad

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



00DCDC



E7B3FF



F2BD74

Complementary

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



00DCDC



DC0000

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.



FFAE8B



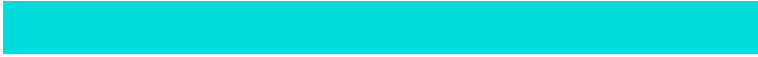
00DCDC



FFA7DB

Square

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



00DCDC



AEC2FF



FFA5B0



CACB74

Rectangle

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



00DCDC



44D3FF



FFA5B0



FCB87A

Sweetspot

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



00DCDC



B3FFFF



00DC00



528080



000000



808080

Same Dimension

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



00DCDC



00FFFF



006EDC



636E6E



00ADAD



002E2E

Inverse Universe

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



DC00DC



FF00FF



DC6E00



6E636E



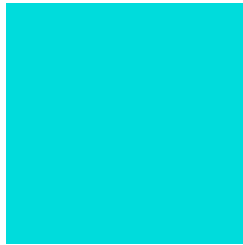
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 00DCDC 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 00DCDC 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 00DCDC Background



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

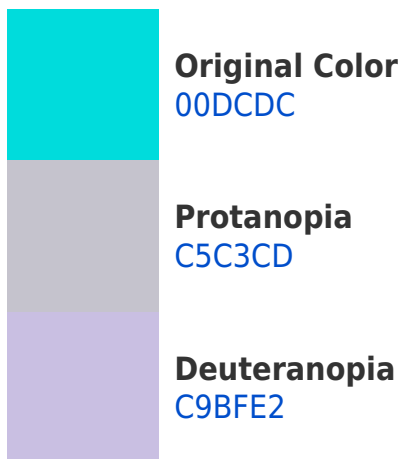


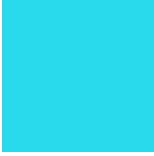
This preview shows how white text looks on a background with the Hex color 00DCDC.

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
28DAEB

Trichromacy



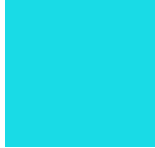
Original Color
00DCDC



Protanomaly
7DCCD2



Deuteranomaly
80CAE0

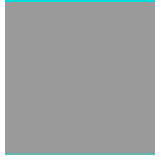


Tritanomaly
19DBE6

Monochromacy



Original Color
00DCDC



Achromatopsia
9A9A9A



Achromatomaly
62B2B2

CSS Examples

Text

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

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

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 #00DCDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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