

Converting Colors

Hex(00D9D9)

Have a look what the booklet for
Hex(00D9D9) contains.

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Color

Hex(00D9D9)

Conversions

Conversions Part 1

Format	Color
Hex	00D9D9
RGB	0, 217, 217
RGB Percent	0%, 85%, 85%
CMY	1.0000, 0.1490, 0.1490
CMYK	1.00, 0.00, 0.00, 0.15
HSL	180°, 100%, 43%
HSV	180°, 100%, 85%
XYZ	37.3372, 54.6355, 74.2235
YIQ	152.1170, -129.3320, -46.0040

Conversions

Conversions Part 2

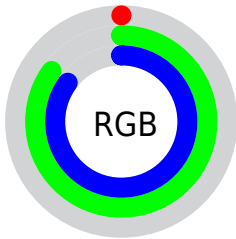
Format	Color
RYB	0, 109, 217
Decimal	55769
CIELab	78.83, -42.57, -12.52
CIELCh	79, 44.367, 196.386
Yxy	54.6355, 0.2247, 0.3287
Android (android.graphics.Color)	4278245849 (0xFF00D9D9)
YUV	152.1170, 31.9873, -133.4066
Hunter-Lab	73.9158, -39.1866, -7.7957

Details

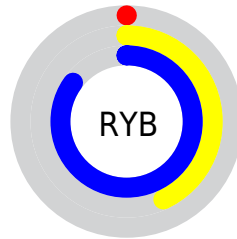
The Hex color **00D9D9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D90000**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6EFFFF**, and **00A1A2** is the 20% darker color. If you saturate the color by 10%, you get **00D9D9**, and if you desaturate by 10%, it is **16D9D9**.

Distribution



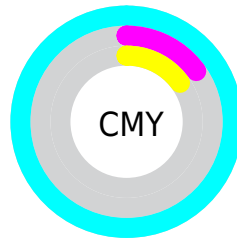
- Red (0%)
- Green (85%)
- Blue (85%)



- Red (0%)
- Yellow (43%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00D9D9 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 00D9D9 by changing the saturation by 10% instead.

 00D9D9

 00D9D9

FFFFFF

 00BDBD

 6EFFFF

 00A1A2

 90FFFF

 008788

 B1FFFF

 006C6F

 D1FFFF

 005356

 F0FFFF

 003B3F

 002629

 000116

 000000

 00D9D9

 16D9D9

 2BD9D9

 41D9D9

 57D9D9

 6DD9D9

 82D9D9

 98D9D9

 AED9D9

 C3D9D9

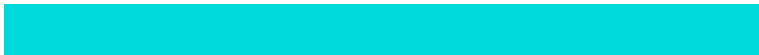
Harmonies

Analogous

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



62D8AE



00D9D9



00D5FE

Triad

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



00D9D9



E4B0FC



EEBA73

Complementary

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



00D9D9



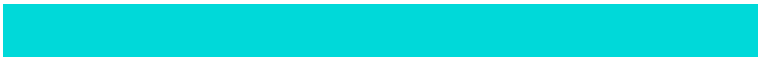
D90000

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.



FFAC89



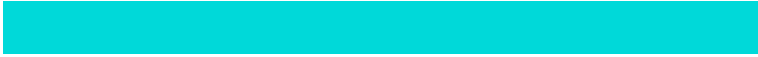
00D9D9



FFA5D8

Square

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



00D9D9



ABBFFF



FFA3AE



C7C872

Rectangle

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



00D9D9



43D0FF



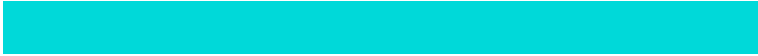
FFA3AE



F9B578

Sweetspot

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



00D9D9



B3FFFF



00D900



528080



000000



808080

Same Dimension

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



00D9D9



00FFFF



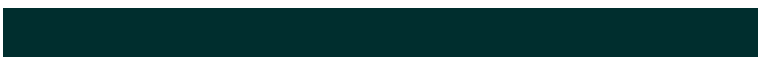
006DD9



636E6E



00ADAD



002E2E

Inverse Universe

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



D900D9



FF00FF



D96D00



6E636E



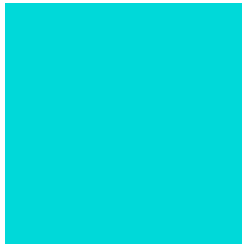
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 00D9D9 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 00D9D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

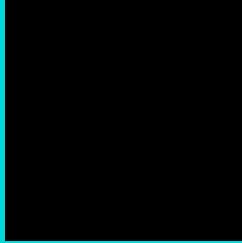
Any Text WCAG AA ✓ Pass

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 00D9D9 Background



This preview shows how black text looks on a background with the Hex color 00D9D9.



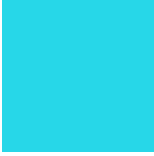
This preview shows how white text looks on a background with the Hex color 00D9D9.

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



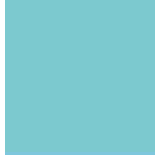


Tritanopia
27D7E8

Trichromacy



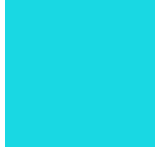
Original Color
00D9D9



Protanomaly
7CC9CF



Deuteranomaly
7EC7DD



Tritanomaly
19D8E3

Monochromacy



Original Color
00D9D9



Achromatopsia
989898



Achromatomaly
61B0B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D9D9 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 #00D9D9 looks like.

```
.text, #text, p{  
    color:#00D9D9  
}
```

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 #00D9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D9D9
}
```

Border

The CSS property to change the border of an element to Hex 00D9D9 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
#00D9D9 }
```

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

```
.border{ border-color:#00D9D9 }
```

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

Here you see how a box with a 4 pixel #00D9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D9D9; -webkit-box-shadow:4px 4px  
4px 4px #00D9D9; box-shadow:4px 4px 4px  
4px #00D9D9 }
```

Background

The CSS property to change the background color of an element to Hex 00D9D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D9D9 }
```

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

```
.background{ background-color:#00D9D9 }
```

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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