

Converting Colors

Hex(02D0D0)

Have a look what the booklet for
Hex(02D0D0) contains.

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Color

Hex(02D0D0)

Conversions

Conversions Part 1

Format	Color
Hex	02D0D0
RGB	2, 208, 208
RGB Percent	1%, 82%, 82%
CMY	0.9922, 0.1843, 0.1843
CMYK	0.99, 0.00, 0.00, 0.18
HSL	180°, 98%, 41%
HSV	180°, 99%, 82%
XYZ	33.9661, 49.6787, 67.4733
YIQ	146.4060, -122.7760, -43.6720

Conversions

Conversions Part 2

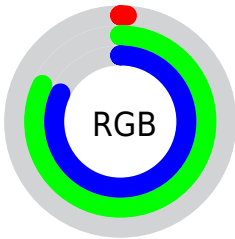
Format	Color
RYB	2, 105, 208
Decimal	184528
CIELab	75.87, -41.18, -12.11
CIELCh	76, 42.925, 196.390
Yxy	49.6787, 0.2248, 0.3287
Android (android.graphics.Color)	4278374608 (0xFF02D0D0)
YUV	146.4060, 30.3658, -126.6441
Hunter-Lab	70.4831, -37.3257, -7.4199

Details

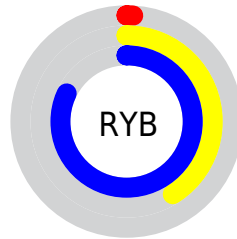
The Hex color **02D0D0** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D00202**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6CFFFF**, and **00999A** is the 20% darker color. If you saturate the color by 10%, you get **00D0D0**, and if you desaturate by 10%, it is **17D0D0**.

Distribution



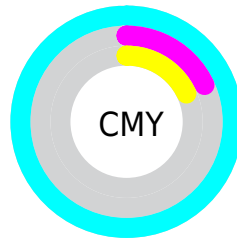
- Red (1%)
- Green (82%)
- Blue (82%)



- Red (1%)
- Yellow (41%)
- Blue (82%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (99%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02D0D0 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 02D0D0 by changing the saturation by 10% instead.

 02D0D0

 02D0D0

FFFFFF

 00B4B4

 6CFFFF

 00999A

 8EFFFF

 007E80

 AEFFFF

 006567

 CDFFFF

 004C4F

 EDFFFF

 003438

 001E23

 00000C

 000000

■ 02D0D0

■ 02D0D0

■ 00D0D0

■ 17D0D0

■ 2CD0D0

■ 40D0D0

■ 55D0D0

■ 6AD0D0

■ 7FD0D0

■ 94D0D0

■ A8D0D0

■ BDD0D0

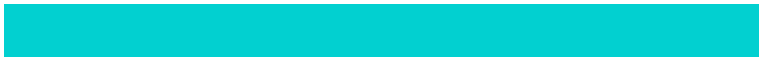
Harmonies

Analogous

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



5ECFA7



02D0D0



00CDF3

Triad

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



02D0D0



DBA9F2



E4B26E

Complementary

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



02D0D0



D00202

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.



FFA583



02D0D0



FD9ECF

Square

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



02D0D0



A4B7FF



FF9CA7



BFC06D

Rectangle

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



02D0D0



40C8FF



FF9CA7



EFAE73

Sweetspot

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



02D0D0



B3FFFF



02D002



528080



000000



808080

Same Dimension

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



02D0D0



00FFFF



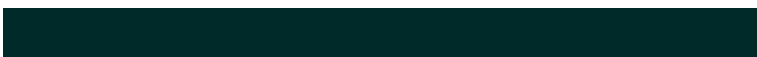
0269D0



5E6969



00A8A8



002929

Inverse Universe

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



D002D0



FF00FF



D06902



695E69



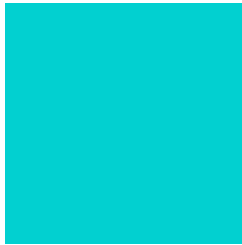
A800A8



290029

Previews

White Background



This preview shows how the Hex color 02D0D0 looks on a white background.

Color Contrast Check

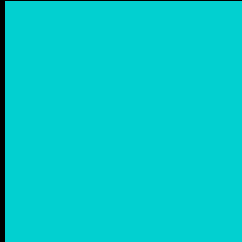
Large Text (above 18pt) WCAG AA × Fail

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 02D0D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

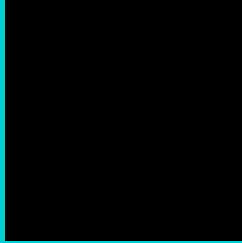
Any Text WCAG AA ✓ Pass

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 02D0D0 Background



This preview shows how black text looks on a background with the Hex color 02D0D0.

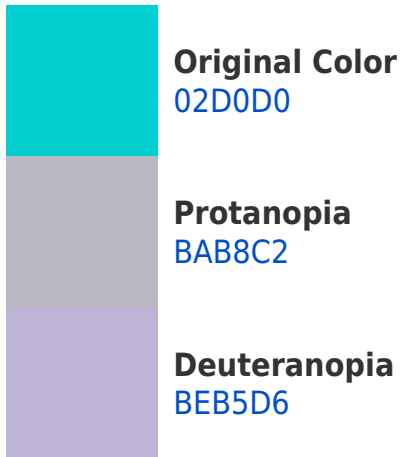


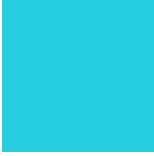
This preview shows how white text looks on a background with the Hex color 02D0D0.

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



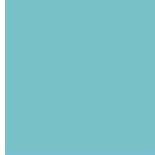


Tritanopia
26CEDF

Trichromacy



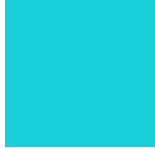
Original Color
02D0D0



Protanomaly
77C1C7



Deuteranomaly
7ABFD4



Tritanomaly
19CFDA

Monochromacy



Original Color
02D0D0



Achromatopsia
929292



Achromatomaly
5EA9A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 02D0D0 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 #02D0D0 looks like.

```
.text, #text, p{  
    color:#02D0D0  
}
```

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 #02D0D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02D0D0
}
```

Border

The CSS property to change the border of an element to Hex 02D0D0 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
#02D0D0 }
```

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

```
.border{ border-color:#02D0D0 }
```

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

Here you see how a box with a 4 pixel #02D0D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02D0D0; -webkit-box-shadow:4px 4px  
4px 4px #02D0D0; box-shadow:4px 4px 4px  
4px #02D0D0 }
```

Background

The CSS property to change the background color of an element to Hex 02D0D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02D0D0 }
```

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

```
.background{ background-color:#02D0D0 }
```

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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