

# Converting Colors

Hex(01D2C4)

Have a look what the booklet for  
Hex(01D2C4) contains.

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# Color

Hex(01D2C4)

# Conversions

## Conversions Part 1

Format	Color
Hex	01D2C4
RGB	1, 210, 196
RGB Percent	0%, 82%, 77%
CMY	0.9961, 0.1765, 0.2314
CMYK	1.00, 0.00, 0.07, 0.18
HSL	176°, 99%, 41%
HSV	176°, 100%, 82%
XYZ	33.0229, 50.0852, 60.1515
YIQ	145.9130, -120.0700, -48.6620

# Conversions

## Conversions Part 2

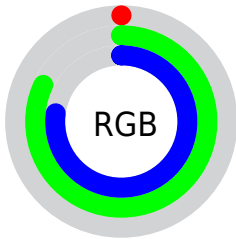
Format	Color
R <sub>YB</sub>	1, 109, 210
Decimal	119492
CIE Lab	76.12, -45.57, -5.28
CIE LCh	76, 45.877, 186.604
Yxy	50.0852, 0.2305, 0.3496
Android (android.graphics.Color)	4278309572 (0xFF01D2C4)
YUV	145.9130, 24.6929, -127.0887
Hunter-Lab	70.7709, -40.5578, -0.8537

# Details

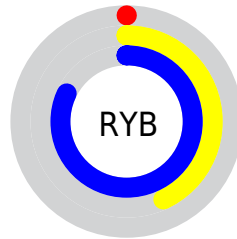
The Hex color **01D2C4** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D2010F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6BFFFD**, and **009B8E** is the 20% darker color. If you saturate the color by 10%, you get **00D2C4**, and if you desaturate by 10%, it is **16D2C5**.

# Distribution



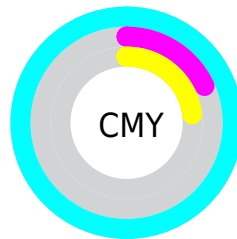
- Red (0%)
- Green (82%)
- Blue (77%)



- Red (0%)
- Yellow (43%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 01D2C4 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 01D2C4 by changing the saturation by 10% instead.



 01D2C4

 01D2C4

FFFFFF

 00B6A9

 6BFFFD

 009B8E

 8CFFFF

 008075

 ACFFFF

 00665C

 CCFFFF

 004D45


 EBFFFF

 00352F

 001E1A

 000000

 01D2C4

 01D2C4

00D2C4

16D2C5

2BD2C7

40D2C8

55D2CA

6AD2CB

7FD2CC

94D2CE

A9D2CF

BED2D1

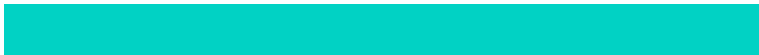
# Harmonies

## Analogous

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



6ACF99



01D2C4



00D0ED

# Triad

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



01D2C4



CCADFF



F2AE6E

# Complementary

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



01D2C4



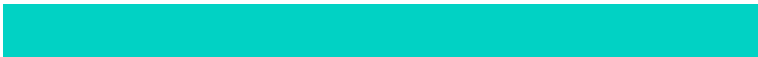
D2010F

# 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.



FFA08B



01D2C4



F89FDE

# Square

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



01D2C4



8ABDFF



FF9AB4



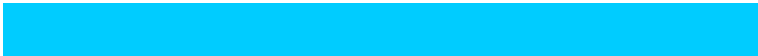
CDBC66

# Rectangle

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



01D2C4



00CCFF



FF9AB4

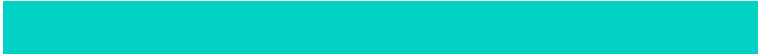


FBA976



# Sweetspot

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



01D2C4



B3FFFA



12D201



52807C



000000



808080



# Same Dimension

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



01D2C4



00FFEE



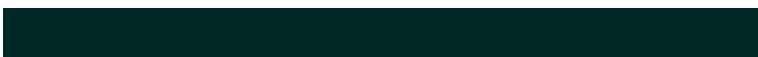
017BD2



5E6968



00A89D



002926



# Inverse Universe

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



D2010F



FF0011



D25801



695E5F



A8000B

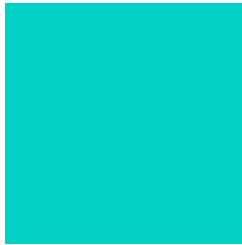


290003



# Previews

## White Background



This preview shows how the Hex color 01D2C4 looks on a white background.

## Color Contrast Check

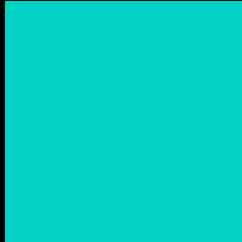
Large Text (above 18pt) WCAG AA × Fail

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 01D2C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

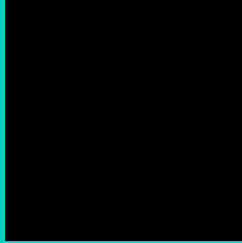
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

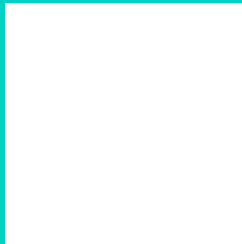
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 01D2C4 Background



This preview shows how black text looks on a background with the Hex color 01D2C4.



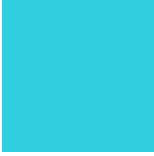
This preview shows how white text looks on a background with the Hex color 01D2C4.

# 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**  
31CEDF

# Trichromacy



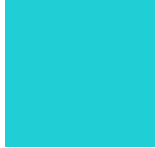
**Original Color**  
01D2C4



**Protanomaly**  
79C2BB



**Deuteranomaly**  
7EC0C8



**Tritanomaly**  
20CFD5

# Monochromacy



**Original Color**  
01D2C4



**Achromatopsia**  
929292



**Achromatomaly**  
5DA9A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01D2C4 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 #01D2C4 looks like.

```
.text, #text, p{  
    color:#01D2C4  
}
```

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 #01D2C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01D2C4
}
```

## Border

The CSS property to change the border of an element to Hex 01D2C4 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
#01D2C4 }
```

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

```
.border{ border-color:#01D2C4 }
```

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

Here you see how a box with a 4 pixel #01D2C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01D2C4; -webkit-box-shadow:4px 4px  
4px 4px #01D2C4; box-shadow:4px 4px 4px  
4px #01D2C4 }
```

# Background

The CSS property to change the background color of an element to Hex 01D2C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01D2C4 }
```

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

```
.background{ background-color:#01D2C4 }
```

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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