

# Converting Colors

Hex(04D7C9)

Have a look what the booklet for  
Hex(04D7C9) contains.

<b>Hex(04D7C9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(04D7C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04D7C9
RGB	4, 215, 201
RGB Percent	2%, 84%, 79%
CMY	0.9843, 0.1569, 0.2118
CMYK	0.98, 0.00, 0.07, 0.16
HSL	176°, 96%, 43%
HSV	176°, 98%, 84%
XYZ	34.8931, 52.8437, 63.6191
YIQ	150.3150, -121.2620, -49.0860

# Conversions

## Conversions Part 2

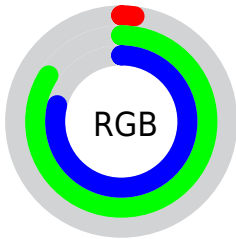
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 113, 215
Decimal	317385
CIELab	77.78, -46.22, -5.51
CIELCh	78, 46.545, 186.795
Yxy	52.8437, 0.2305, 0.3491
Android (android.graphics.Color)	4278507465 (0xFF04D7C9)
YUV	150.3150, 24.9877, -128.3183
Hunter-Lab	72.6937, -41.5336, -1.0031

# Details

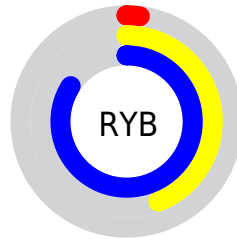
The Hex color **04D7C9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D70412**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6DFFFF**, and **009F93** is the 20% darker color. If you saturate the color by 10%, you get **00D7C9**, and if you desaturate by 10%, it is **1AD7CA**.

# Distribution



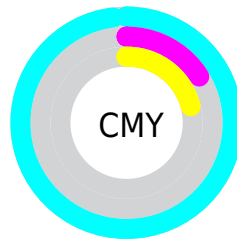
- Red (2%)
- Green (84%)
- Blue (79%)



- Red (2%)
- Yellow (44%)
- Blue (84%)



- Cyan (98%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (98%)
- Magenta (16%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04D7C9 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 04D7C9 by changing the saturation by 10% instead.



 04D7C9

 04D7C9

FFFFFF

 00BBAE

 6DFFFF

 009F93

 8EFFFF

 008479

 AEFFFF

 006A61

 CEFFFF

 005149

 EDFFFF

 003933

 00231E

 000004

 000000

■ 04D7C9

■ 04D7C9

■ 00D7C9

■ 1AD7CA

■ 2FD7CC

■ 45D7CD

■ 5AD7CF

■ 70D7D0

■ 85D7D2

■ 9BD7D3

■ B0D7D4

■ C6D7D6

# Harmonies

## Analogous

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



6CD49D



04D7C9



00D5F3

# Triad

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



04D7C9



D2B1FF



F7B271

# Complementary

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



04D7C9



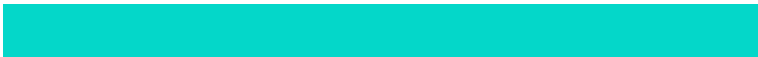
D70412

# 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.



FFA48F



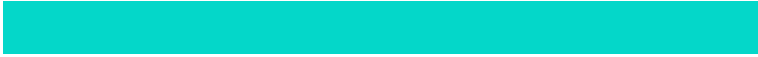
04D7C9



FEA3E3

# Square

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



04D7C9



8FC1FF



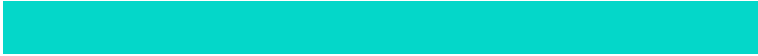
FF9DB8



D2C169

# Rectangle

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



04D7C9



00D1FF



FF9DB8

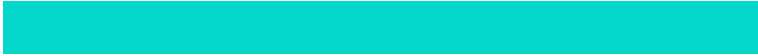


FFAD79

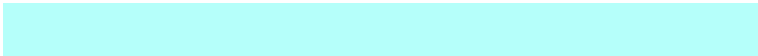


# Sweetspot

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



04D7C9



B5FFFA



12D704



53807D



000000



808080



# Same Dimension

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



04D7C9



00FFEE



047CD7



606B6A



00ABA0



002B28



# Inverse Universe

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



D70412



FF0011



D75F04



6B6061



AB000B

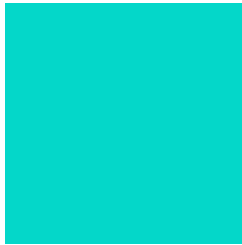


2B0003



# Previews

## White Background



This preview shows how the Hex color 04D7C9 looks on a white background.

## Color Contrast Check

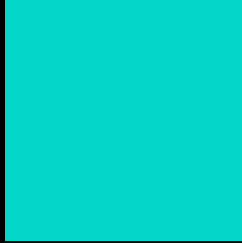
Large Text (above 18pt) WCAG AA × Fail

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 04D7C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

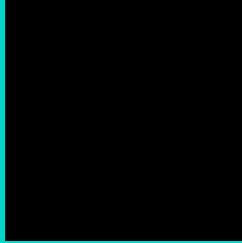
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

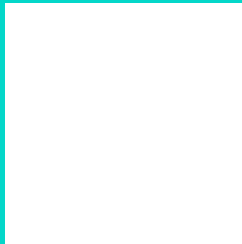
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 04D7C9 Background



This preview shows how black text looks on a background with the Hex color 04D7C9.



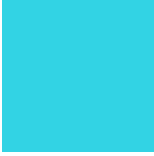
This preview shows how white text looks on a background with the Hex color 04D7C9.

# 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**  
32D3E4

# Trichromacy



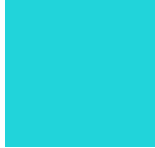
**Original Color**  
04D7C9



**Protanomaly**  
7EC7BF



**Deuteranomaly**  
81C4CD



**Tritanomaly**  
21D4DA

# Monochromacy



**Original Color**  
04D7C9



**Achromatopsia**  
969696



**Achromatomaly**  
61AEA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04D7C9 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 #04D7C9 looks like.

```
.text, #text, p{  
    color:#04D7C9  
}
```

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 #04D7C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04D7C9
}
```

## Border

The CSS property to change the border of an element to Hex 04D7C9 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
#04D7C9 }
```

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

```
.border{ border-color:#04D7C9 }
```

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

Here you see how a box with a 4 pixel #04D7C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04D7C9; -webkit-box-shadow:4px 4px  
4px 4px #04D7C9; box-shadow:4px 4px 4px  
4px #04D7C9 }
```

# Background

The CSS property to change the background color of an element to Hex 04D7C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04D7C9 }
```

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

```
.background{ background-color:#04D7C9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor