

# Converting Colors

Hex(0CD1C6)

Have a look what the booklet for  
Hex(0CD1C6) contains.

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# Color

**Hex(0CD1C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CD1C6
RGB	12, 209, 198
RGB Percent	5%, 82%, 78%
CMY	0.9529, 0.1804, 0.2235
CMYK	0.94, 0.00, 0.05, 0.18
HSL	177°, 89%, 43%
HSV	177°, 94%, 82%
XYZ	33.1451, 49.7563, 61.2831
YIQ	148.8430, -113.8810, -45.1850

# Conversions

## Conversions Part 2

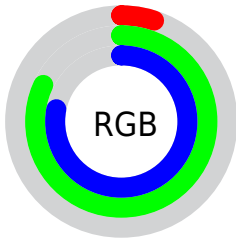
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 113, 209
Decimal	840134
CIELab	75.92, -44.27, -6.65
CIELCh	76, 44.765, 188.540
Yxy	49.7563, 0.2299, 0.3451
Android (android.graphics.Color)	4279030214 (0xFF0CD1C6)
YUV	148.8430, 24.2344, -120.0113
Hunter-Lab	70.5382, -39.5665, -2.1341

# Details

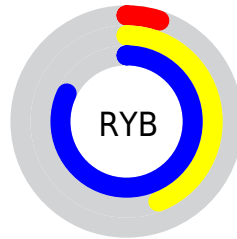
The Hex color **0CD1C6** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D10C17**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6DFFFF**, and **009A90** is the 20% darker color. If you saturate the color by 10%, you get **00D1C5**, and if you desaturate by 10%, it is **21D1C7**.

# Distribution



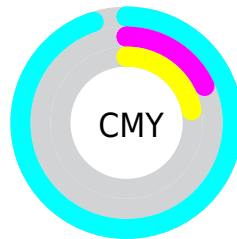
- Red (5%)
- Green (82%)
- Blue (78%)



- Red (5%)
- Yellow (44%)
- Blue (82%)



- Cyan (94%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (95%)
- Magenta (18%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CD1C6 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 0CD1C6 by changing the saturation by 10% instead.



 0CD1C6

 0CD1C6

FFFFFF

 00B5AB

 6DFFFF

 009A90

 8EFFFF

 007F77

 AEFFFF

 00655E

 CDFFFF

 004C47

 ECFFFF

 003430

 001E1C

 000000

 0CD1C6

 0CD1C6

00D1C5

21D1C7

36D1C8

4BD1CA

60D1CB

75D1CC

89D1CD

9ED1CE

B3D1CF

C8D1D1

# Harmonies

## Analogous

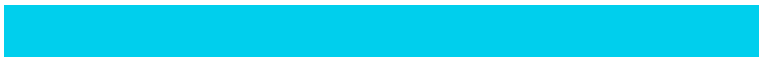
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68CF9C



0CD1C6



00CFED

# Triad

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



0CD1C6



CFACFC



EEAE6F

# Complementary

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



0CD1C6



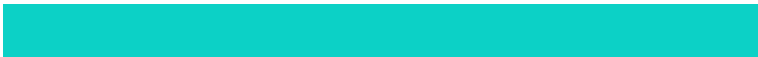
D10C17

# 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.



FFA18A



0CD1C6



F89FDA

# Square

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



0CD1C6



90BBFF



FF9AB1



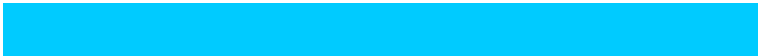
CABD68

# Rectangle

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



0CD1C6



00CBFF



FF9AB1



F8A976

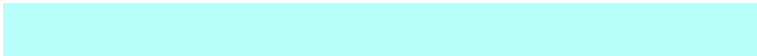


# Sweetspot

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



0CD1C6



B8FFFB



19D10C



54807D



000000



808080



# Same Dimension

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



0CD1C6



00FFF1



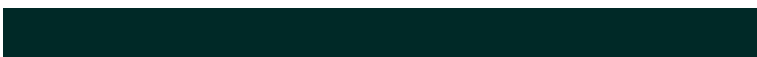
0C7CD1



5E6968



00A89F



002927



# Inverse Universe

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



D10C17



FF000E



D1610C



695E5F



A80009

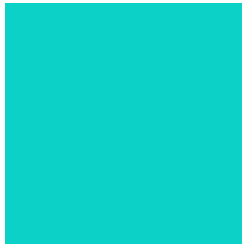


290002



# Previews

## White Background



This preview shows how the Hex color 0CD1C6 looks on a white background.

## Color Contrast Check

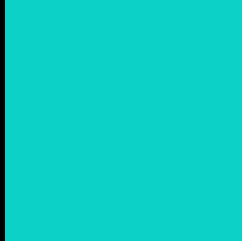
Large Text (above 18pt) WCAG AA × Fail

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 0CD1C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

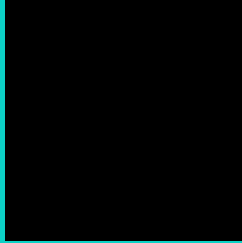
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

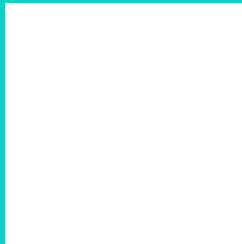
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0CD1C6 Background



This preview shows how black text looks on a background with the Hex color 0CD1C6.

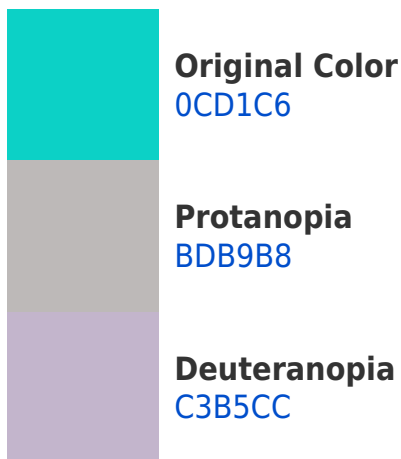


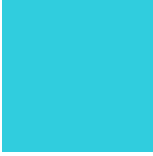
This preview shows how white text looks on a background with the Hex color 0CD1C6.

# 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**  
30CDDE

# Trichromacy



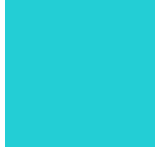
**Original Color**  
0CD1C6



**Protanomaly**  
7DC2BD



**Deuteranomaly**  
80BFCA



**Tritanomaly**  
23CED5

# Monochromacy



**Original Color**  
0CD1C6



**Achromatopsia**  
959595



**Achromatomaly**  
63ABA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CD1C6 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 #0CD1C6 looks like.

```
.text, #text, p{  
    color:#0CD1C6  
}
```

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 #0CD1C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CD1C6
}
```

## Border

The CSS property to change the border of an element to Hex 0CD1C6 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
#0CD1C6 }
```

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

```
.border{ border-color:#0CD1C6 }
```

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

Here you see how a box with a 4 pixel #0CD1C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CD1C6; -webkit-box-shadow:4px 4px  
4px 4px #0CD1C6; box-shadow:4px 4px 4px  
4px #0CD1C6 }
```

# Background

The CSS property to change the background color of an element to Hex 0CD1C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CD1C6 }
```

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

```
.background{ background-color:#0CD1C6 }
```

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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