

Converting Colors

Hex(0CD5CD5)

Have a look what the booklet for
Hex(0CDCD5) contains.

Hex(0CDCD5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0CDCD5)

Conversions

Conversions Part 1

Format	Color
Hex	0CD5D5
RGB	12, 220, 213
RGB Percent	5%, 86%, 84%
CMY	0.9529, 0.1373, 0.1647
CMYK	0.95, 0.00, 0.03, 0.14
HSL	178°, 90%, 45%
HSV	178°, 95%, 86%
XYZ	37.7551, 56.0687, 71.7832
YIQ	157.0100, -121.7210, -46.2730

Conversions

Conversions Part 2

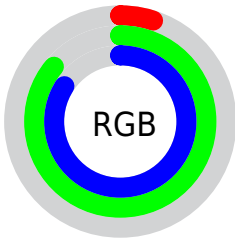
Format	Color
RYB	12, 118, 220
Decimal	842965
CIELab	79.65, -44.75, -9.15
CIELCh	80, 45.673, 191.555
Yxy	56.0687, 0.2280, 0.3386
Android (android.graphics.Color)	4279033045 (0xFF0CDCD5)
YUV	157.0100, 27.6031, -127.1738
Hunter-Lab	74.8790, -41.0360, -4.4234

Details

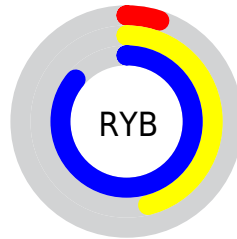
The Hex color **0CDCD5** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DC0C13**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **70FFFF**, and **00A49E** is the 20% darker color. If you saturate the color by 10%, you get **00DCD5**, and if you desaturate by 10%, it is **22DCD6**.

Distribution



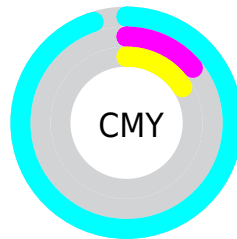
- Red (5%)
- Green (86%)
- Blue (84%)



- Red (5%)
- Yellow (46%)
- Blue (86%)



- Cyan (95%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (95%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CD5D5 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 0CD5D5 by changing the saturation by 10% instead.

 0CDCD5

 0CDCD5

FFFFFF

 00C0B9

 70FFFF

 00A49E

 92FFFF

 008984

 B2FFFF

 006F6B

 D2FFFF

 005653

 F2FFFF

 003D3C

 002826

 000113

 000000

0CDCD5

0CDCD5

00DCD5

22DCD6

38DCD6

4EDCD7

64DCD8

7ADCD9

90DCD9

A6DCDA

BCDCDB

D2DCDC

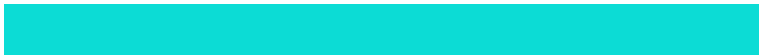
Harmonies

Analogous

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



6ADAA9



0CDCD5



00D9FD

Triad

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



0CD5D5



DFB4FF



F7BA75

Complementary

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



0CD5D5



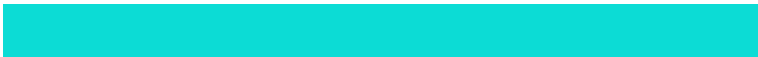
DC0C13

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.



FFAB8F



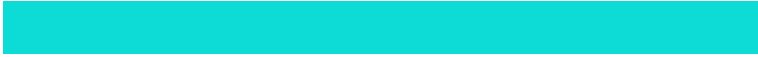
0CDCD5



FFA7E1

Square

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



0CD5D5



A1C4FF



FFA4B6



D1C870

Rectangle

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



0CDCD5



27D4FF



FFA4B6



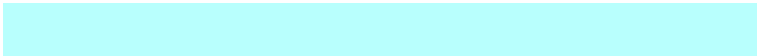
FFB57B

Sweetspot

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



0CDCD5



B8FFFD



16DC0C



54807E



000000



808080

Same Dimension

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



0CDCD5



00FFF6



0C7EDC



636E6D



00ADA8



002E2C

Inverse Universe

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



DC0C13



FF0009



DC6A0C



6E6363



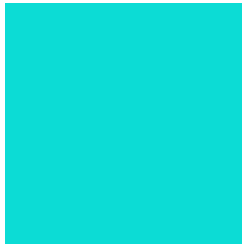
AD0006



2E0002

Previews

White Background



This preview shows how the Hex color 0CD5D5 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 0CD5D5 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 0CDCD5 Background



This preview shows how black text looks on a background with the Hex color 0CDCD5.

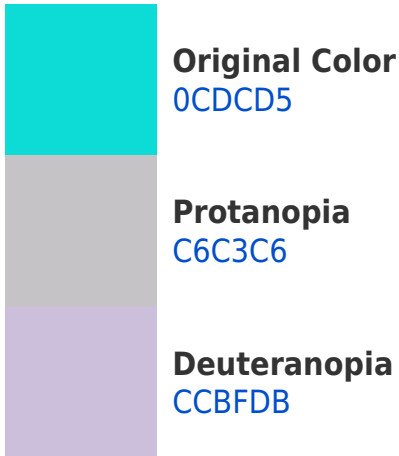


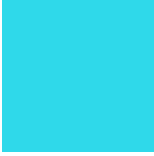
This preview shows how white text looks on a background with the Hex color 0CDCD5.

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
2FD9EA

Trichromacy



Original Color
0CD5D5



Protanomaly
82CCCB



Deuteranomaly
86CAD9



Tritanomaly
22DAE2

Monochromacy



Original Color
0CD5D5



Achromatopsia
9D9D9D



Achromatomaly
68B4B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CD5CD 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 #0CD5CD looks like.

```
.text, #text, p{  
    color:#0CD5CD  
}
```

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 #0CD5C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CD5C5  
}
```

Border

The CSS property to change the border of an element to Hex 0CD5C5 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  
#0CD5C5 }
```

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

```
.border{ border-color:#0CD5C5 }
```

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

Here you see how a box with a 4 pixel #0CD5C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CD5C5; -webkit-box-shadow:4px 4px  
4px 4px #0CD5C5; box-shadow:4px 4px 4px  
4px #0CD5C5 }
```

Background

The CSS property to change the background color of an element to Hex 0CD5CD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CD5CD5 }
```

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

```
.background{ background-color:#0CD5CD5 }
```

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