

# Converting Colors

Hex(05D7C3)

Have a look what the booklet for  
Hex(05D7C3) contains.

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**Color**

**Hex(05D7C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05D7C3
RGB	5, 215, 195
RGB Percent	2%, 84%, 76%
CMY	0.9804, 0.1569, 0.2353
CMYK	0.98, 0.00, 0.09, 0.16
HSL	174°, 95%, 43%
HSV	174°, 98%, 84%
XYZ	34.2134, 52.5733, 59.9742
YIQ	149.9300, -118.7400, -50.7400

# Conversions

## Conversions Part 2

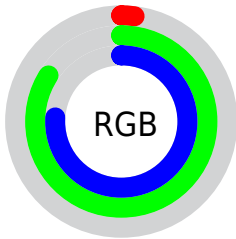
Format	Color
<a href="#">RYB</a>	<a href="#">5, 115, 215</a>
Decimal	<a href="#">382915</a>
CIELab	<a href="#">77.62, -47.87, -2.53</a>
CIELCh	<a href="#">78, 47.934, 183.022</a>
Yxy	<a href="#">52.5733, 0.2331, 0.3582</a>
Android (android.graphics.Color)	<a href="#">4278572995</a> ( <a href="#">0xFF05D7C3</a> )
YUV	<a href="#">149.9300, 22.2195, -127.1036</a>
Hunter-Lab	<a href="#">72.5074, -42.6610, 1.7138</a>

# Details

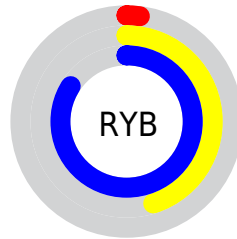
The Hex color **05D7C3** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D70519**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6CFFFB**, and **009F8D** is the 20% darker color. If you saturate the color by 10%, you get **00D7C3**, and if you desaturate by 10%, it is **1BD7C5**.

# Distribution



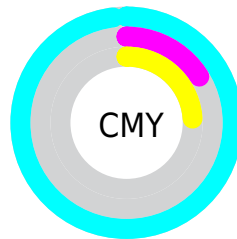
- Red (2%)
- Green (84%)
- Blue (76%)



- Red (2%)
- Yellow (45%)
- Blue (84%)



- Cyan (98%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (98%)
- Magenta (16%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05D7C3 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 05D7C3 by changing the saturation by 10% instead.



 05D7C3

 05D7C3

FFFFFF

 00BBA8

 6CFFFB

 009F8D

 8EFFFF

 008474

 AEFFFF

 006A5B

 CDFFFF

 005144

 EDFFFF

 00392E

 002219

 000000

 05D7C3

 05D7C3

00D7C3

1BD7C5

30D7C7

46D7C9

5BD7CB

71D7CD

86D7CF

9CD7D1

B1D7D3

C7D7D5

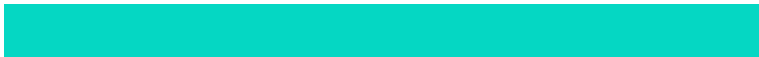
# Harmonies

## Analogous

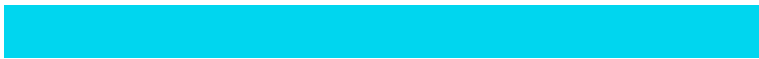
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71D496



05D7C3



00D6EF

# Triad

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



05D7C3



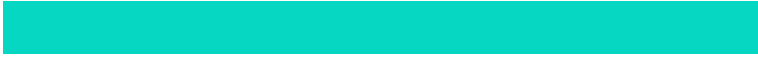
CAB3FF



FCAF71

# Complementary

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



05D7C3



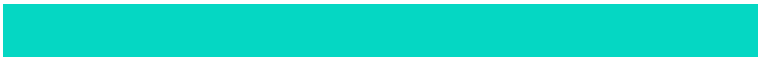
D70519

# 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.



FFA192



05D7C3



FBA3E9

# Square

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



05D7C3



81C3FF



FF9CBD



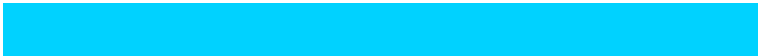
D7BF65

# Rectangle

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



05D7C3



00D2FF



FF9CBD

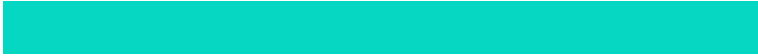


FFAA7A

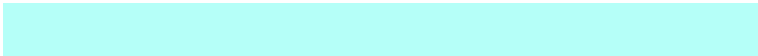


# Sweetspot

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



05D7C3



B5FFF8



1AD705



53807B



000000



808080



# Same Dimension

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



05D7C3



00FFE7



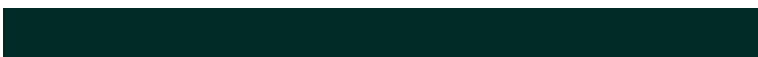
0583D7



606B6A



00AB9B



002B27



# Inverse Universe

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



D70519



FF0018



D75905



6B6061



AB0010

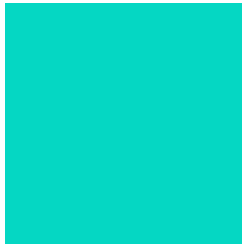


2B0004



# Previews

## White Background



This preview shows how the Hex color 05D7C3 looks on a white background.

## Color Contrast Check

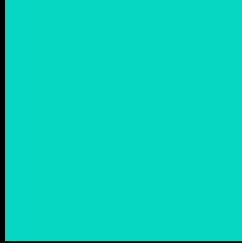
Large Text (above 18pt) WCAG AA × Fail

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 05D7C3 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

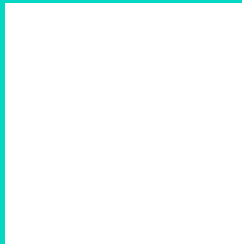
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 05D7C3 Background



This preview shows how black text looks on a background with the Hex color 05D7C3.

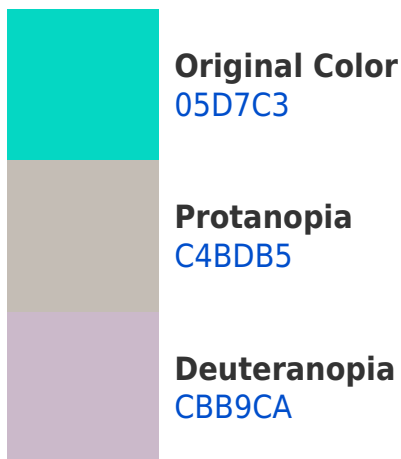


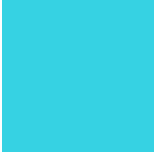
This preview shows how white text looks on a background with the Hex color 05D7C3.

# 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](#).

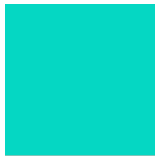
## Dichromacy





**Tritanopia**  
36D2E3

# Trichromacy



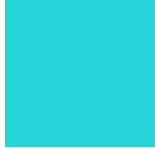
**Original Color**  
05D7C3



**Protanomaly**  
7FC6BA



**Deuteranomaly**  
83C4C7



**Tritanomaly**  
24D4D7

# Monochromacy



**Original Color**  
05D7C3



**Achromatopsia**  
969696



**Achromatomaly**  
61AEA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05D7C3 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 #05D7C3 looks like.

```
.text, #text, p{  
    color:#05D7C3  
}
```

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 #05D7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05D7C3
}
```

## Border

The CSS property to change the border of an element to Hex 05D7C3 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
#05D7C3 }
```

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

```
.border{ border-color:#05D7C3 }
```

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

Here you see how a box with a 4 pixel #05D7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05D7C3; -webkit-box-shadow:4px 4px  
4px 4px #05D7C3; box-shadow:4px 4px 4px  
4px #05D7C3 }
```

# Background

The CSS property to change the background color of an element to Hex 05D7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05D7C3 }
```

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

```
.background{ background-color:#05D7C3 }
```

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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