

# Converting Colors

Hex(00DBC5)

Have a look what the booklet for  
Hex(00DBC5) contains.

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# Color

Hex(00DBC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	00DBC5
RGB	0, 219, 197
RGB Percent	0%, 86%, 77%
CMY	1.0000, 0.1412, 0.2275
CMYK	1.00, 0.00, 0.10, 0.14
HSL	174°, 100%, 43%
HSV	174°, 100%, 86%
XYZ	35.4096, 54.6943, 61.5141
YIQ	151.0110, -123.4620, -53.2700

# Conversions

## Conversions Part 2

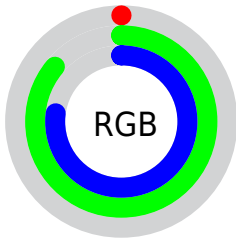
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 219
Decimal	56261
CIELab	78.86, -49.13, -1.78
CIELCh	79, 49.157, 182.071
Yxy	54.6943, 0.2335, 0.3607
Android (android.graphics.Color)	4278246341 (0xFF00DBC5)
YUV	151.0110, 22.6726, -132.4366
Hunter-Lab	73.9556, -43.9573, 2.4532

# Details

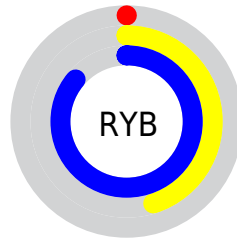
The Hex color **00DBC5** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DB0016**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6DFFFE**, and **00A38F** is the 20% darker color. If you saturate the color by 10%, you get **00DBC5**, and if you desaturate by 10%, it is **16DBC7**.

# Distribution



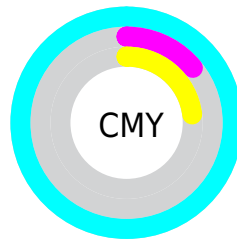
- Red (0%)
- Green (86%)
- Blue (77%)



- Red (0%)
- Yellow (45%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00DBC5 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 00DBC5 by changing the saturation by 10% instead.



 00DBC5

 00DBC5

FFFFFF

 00BFAA

 6DFFFE

 00A38F

 8EFFFF

 008876

 AEFFFF

 006E5D

 CEFFFF

 005446

 EEEFFF

 003C30

 00261B

 000000

 00DBC5

 16DBC7

 2CDBC9

 42DBCC

 58DBCE

 6EDBD0

 83DBD2

 99DBD4

 AFDBD7

 C5DBD9

# Harmonies

## Analogous

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



74D797



00DBC5



00DAF2

# Triad

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



00DBC5



CCB6FF



FFB173

# Complementary

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



00DBC5



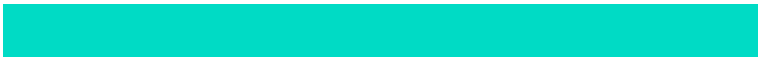
DB0016

# 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.



FFA395



00DBC5



FFA6EF

# Square

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



00DBC5



7FC7FF



FF9EC2



DDC266

# Rectangle

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



00DBC5



00D6FF



FF9EC2

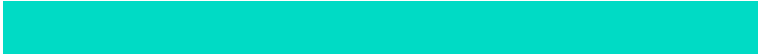


FFAC7D

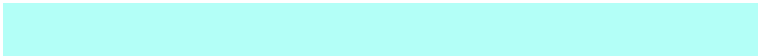


# Sweetspot

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



00DBC5



B3FFF7



1ADB00



52807B



000000



808080



# Same Dimension

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



00DBC5



00FFE5



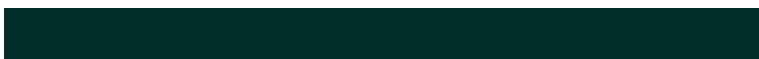
0087DB



636E6D



00AD9C



002E29



# Inverse Universe

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



DB0016



FF001A



DB5400



6E6364



AD0011

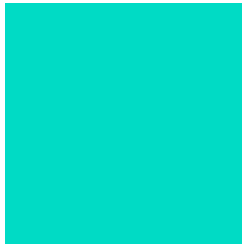


2E0005



# Previews

## White Background



This preview shows how the Hex color 00DBC5 looks on a white background.

## Color Contrast Check

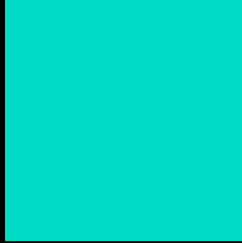
Large Text (above 18pt) WCAG AA × Fail

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 00DBC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

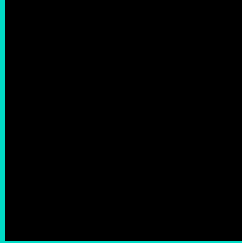
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00DBC5 Background



This preview shows how black text looks on a background with the Hex color 00DBC5.



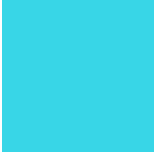
This preview shows how white text looks on a background with the Hex color 00DBC5.

# 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



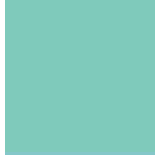


**Tritanopia**  
38D6E7

# Trichromacy



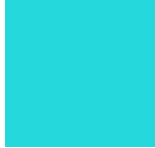
**Original Color**  
00DBC5



**Protanomaly**  
7FCABB



**Deuteranomaly**  
84C7C9



**Tritanomaly**  
24D8DB

# Monochromacy



**Original Color**  
00DBC5



**Achromatopsia**  
979797



**Achromatomaly**  
60B0A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00DBC5 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 #00DBC5 looks like.

```
.text, #text, p{  
    color:#00DBC5  
}
```

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 #00DBC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DBC5  
}
```

## Border

The CSS property to change the border of an element to Hex 00DBC5 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  
#00DBC5 }
```

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

```
.border{ border-color:#00DBC5 }
```

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

Here you see how a box with a 4 pixel #00DBC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DBC5; -webkit-box-shadow:4px 4px  
4px 4px #00DBC5; box-shadow:4px 4px 4px  
4px #00DBC5 }
```

# Background

The CSS property to change the background color of an element to Hex 00DBC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DBC5 }
```

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

```
.background{ background-color:#00DBC5 }
```

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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