

# Converting Colors

Hex(00DCB8)

Have a look what the booklet for  
Hex(00DCB8) contains.

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# Color

**Hex(00DCB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DCB8
RGB	0, 220, 184
RGB Percent	0%, 86%, 72%
CMY	1.0000, 0.1373, 0.2784
CMYK	1.00, 0.00, 0.16, 0.14
HSL	170°, 100%, 43%
HSV	170°, 100%, 86%
XYZ	34.2449, 54.6471, 54.0904
YIQ	150.1160, -119.5640, -57.8360

# Conversions

## Conversions Part 2

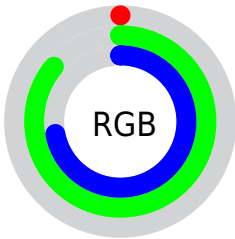
Format	Color
<a href="#">RYB</a>	<a href="#">0, 120, 220</a>
Decimal	<a href="#">56504</a>
CIELab	<a href="#">78.84, -53.00, 5.11</a>
CIELCh	<a href="#">79, 53.242, 174.487</a>
Yxy	<a href="#">54.6471, 0.2395, 0.3822</a>
Android (android.graphics.Color)	<a href="#">4278246584</a> ( <a href="#">0xFF00DCB8</a> )
YUV	<a href="#">150.1160, 16.7048, -131.6517</a>
Hunter-Lab	<a href="#">73.9237, -46.6768, 8.3637</a>

# Details

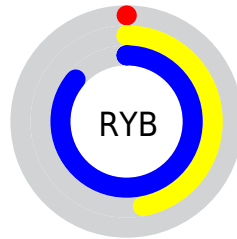
The Hex color **00DCB8** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DC0024**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6CFFF0**, and **00A483** is the 20% darker color. If you saturate the color by 10%, you get **00DCB8**, and if you desaturate by 10%, it is **16DCBC**.

# Distribution



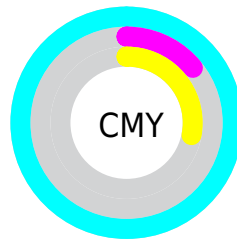
- Red (0%)
- Green (86%)
- Blue (72%)



- Red (0%)
- Yellow (47%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00DCB8 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 00DCB8 by changing the saturation by 10% instead.



 00DCB8

 00DCB8

FFFFFF

 00C09D

 6CFFF0

 00A483

 8DFFFF

 00896A

 ADFFFF

 006E52

 CDFFFF

 00553B

 ECFFFF

 003C25

 002511

 000000

 00DCB8

 16DCBC

 2CDCBF

 42DCC3

 58DCC6

 6EDCCA

 84DCCE

 9ADCD1

 B0DCD5

 C6DCD8

# Harmonies

## Analogous

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



7DD788



00DCB8



00DCEB

# Triad

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



00DCB8



B9BAFF



FFAB74

# Complementary

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



00DCB8



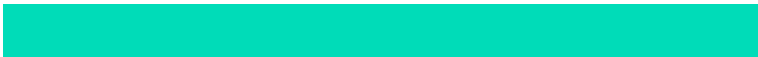
DC0024

# 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.



FF9D9D



00DCB8



F8A7FD

# Square

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



00DCB8



56CBFF



FF9BCE



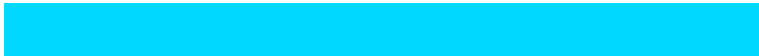
E9BD5E

# Rectangle

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



00DCB8



00D9FF



FF9BCE



FFA680

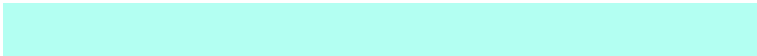


# Sweetspot

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



00DCB8



B3FFF2



25DC00



528078



000000



808080



# Same Dimension

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



00DCB8



00FFD5



0093DC



636E6C



00AD91



002E26



# Inverse Universe

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



DC0024



FF002A



DC4900



6E6364



AD001C

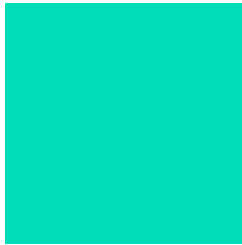


2E0008



# Previews

## White Background



This preview shows how the Hex color 00DCB8 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 00DCB8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

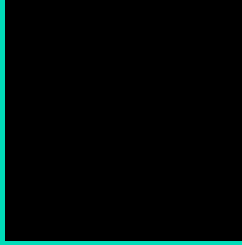
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00DCB8 Background



This preview shows how black text looks on a background with the Hex color 00DCB8.



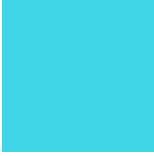
This preview shows how white text looks on a background with the Hex color 00DCB8.

# 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](#).

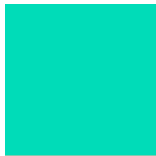
## Dichromacy





**Tritanopia**  
3FD5E7

# Trichromacy



**Original Color**  
00DCB8



**Protanomaly**  
81CBAF

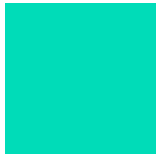


**Deuteranomaly**  
88C7BC



**Tritanomaly**  
28D8D6

# Monochromacy



**Original Color**  
00DCB8



**Achromatopsia**  
969696



**Achromatomaly**  
5FAFA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00DCB8 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 #00DCB8 looks like.

```
.text, #text, p{  
    color:#00DCB8  
}
```

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 #00DCB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DCB8
}
```

## Border

The CSS property to change the border of an element to Hex 00DCB8 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
#00DCB8 }
```

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

```
.border{ border-color:#00DCB8 }
```

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

Here you see how a box with a 4 pixel #00DCB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DCB8; -webkit-box-shadow:4px 4px  
4px 4px #00DCB8; box-shadow:4px 4px 4px  
4px #00DCB8 }
```

# Background

The CSS property to change the background color of an element to Hex 00DCB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DCB8 }
```

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

```
.background{ background-color:#00DCB8 }
```

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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