

# Converting Colors

Hex(00DCB6)

Have a look what the booklet for  
Hex(00DCB6) contains.

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# Color

**Hex(00DCB6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DCB6
RGB	0, 220, 182
RGB Percent	0%, 86%, 71%
CMY	1.0000, 0.1373, 0.2863
CMYK	1.00, 0.00, 0.17, 0.14
HSL	170°, 100%, 43%
HSV	170°, 100%, 86%
XYZ	34.0367, 54.5638, 52.9939
YIQ	149.8880, -118.9220, -58.4580

# Conversions

## Conversions Part 2

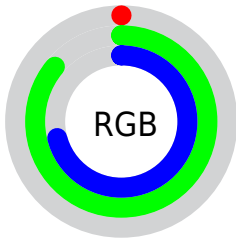
Format	Color
<a href="#">RYB</a>	<a href="#">0, 120, 220</a>
Decimal	<a href="#">56502</a>
CIELab	<a href="#">78.79, -53.51, 6.11</a>
CIELCh	<a href="#">79, 53.859, 173.487</a>
Yxy	<a href="#">54.5638, 0.2404, 0.3854</a>
Android (android.graphics.Color)	<a href="#">4278246582</a> ( <a href="#">0xFF00DCB6</a> )
YUV	<a href="#">149.8880, 15.8312, -131.4518</a>
Hunter-Lab	<a href="#">73.8673, -47.0183, 9.1713</a>

# Details

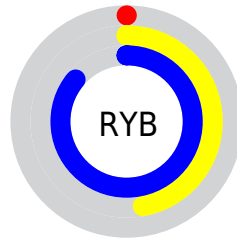
The Hex color **00DCB6** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DC0026**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6CFFEE**, and **00A481** is the 20% darker color. If you saturate the color by 10%, you get **00DCB6**, and if you desaturate by 10%, it is **16DCBA**.

# Distribution



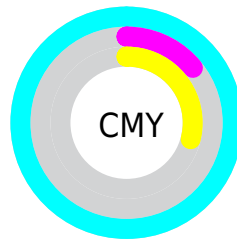
- Red (0%)
- Green (86%)
- Blue (71%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00DCB6 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 00DCB6 by changing the saturation by 10% instead.



 00DCB6

 00DCB6

FFFFFF

 00C09B

 6CFFEE

 00A481

 8DFFFF

 008968

 ADFFFF

 006E50

 CDFFFF

 005539

 ECFFFF

 003C24

 00250F

 000000

 00DCB6

 16DCBA

 2CDCBE

 42DCC1

 58DCC5

 6EDCC9

 84DCCD

 9ADCD1

 B0DCD4

 C6DCD8

# Harmonies

## Analogous

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



7ED785



00DCB6



00DCE9

# Triad

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



00DCB6



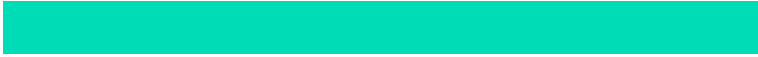
B6BAFF



FFAA74

# Complementary

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



00DCB6



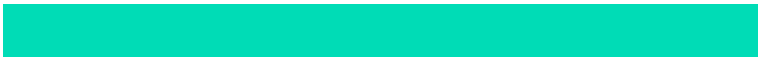
DC0026

# 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.



FF9C9E



00DCB6



F7A7FF

# Square

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



00DCB6



4DCCFF



FF9AD0



EBBC5D

# Rectangle

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



00DCB6



00D9FF



FF9AD0



FFA580

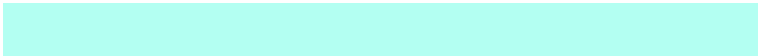


# Sweetspot

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



00DCB6



B3FFF2



28DC00



528078



000000



808080



# Same Dimension

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



00DCB6



00FFD3



0096DC



636E6C



00AD8F



002E26



# Inverse Universe

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



DC0026



FF002C



DC4600



6E6365



AD001E

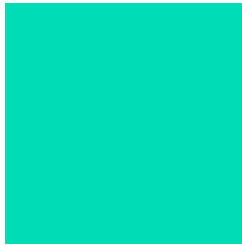


2E0008



# Previews

## White Background



This preview shows how the Hex color 00DCB6 looks on a white background.

## Color Contrast Check

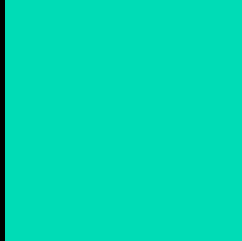
Large Text (above 18pt) WCAG AA × Fail

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 00DCB6 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

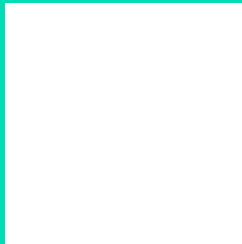
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00DCB6 Background



This preview shows how black text looks on a background with the Hex color 00DCB6.

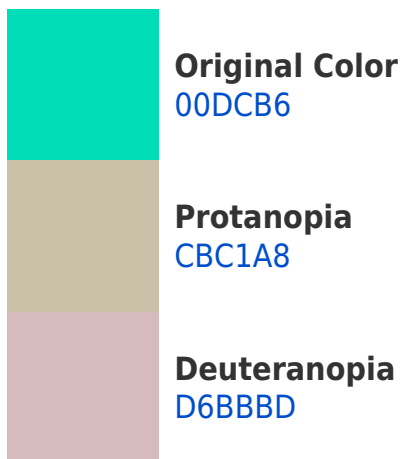


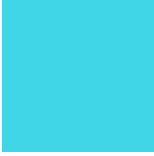
This preview shows how white text looks on a background with the Hex color 00DCB6.

# 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](#).

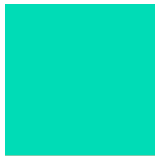
## Dichromacy





**Tritanopia**  
40D5E7

# Trichromacy



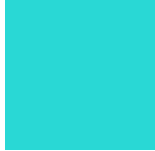
**Original Color**  
00DCB6



**Protanomaly**  
81CBAD



**Deuteranomaly**  
88C7BA

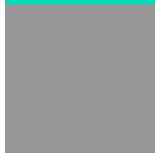


**Tritanomaly**  
29D8D5

# Monochromacy



**Original Color**  
00DCB6



**Achromatopsia**  
969696



**Achromatomaly**  
5FAFA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00DCB6 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 #00DCB6 looks like.

```
.text, #text, p{  
    color:#00DCB6  
}
```

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 #00DCB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DCB6
}
```

## Border

The CSS property to change the border of an element to Hex 00DCB6 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
#00DCB6 }
```

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

```
.border{ border-color:#00DCB6 }
```

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

Here you see how a box with a 4 pixel #00DCB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DCB6; -webkit-box-shadow:4px 4px  
4px 4px #00DCB6; box-shadow:4px 4px 4px  
4px #00DCB6 }
```

# Background

The CSS property to change the background color of an element to Hex 00DCB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DCB6 }
```

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

```
.background{ background-color:#00DCB6 }
```

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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