

Converting Colors

Hex(00D8C6)

Have a look what the booklet for
Hex(00D8C6) contains.

Hex(00D8C6)	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(00D8C6)

Conversions

Conversions Part 1

Format	Color
Hex	00D8C6
RGB	0, 216, 198
RGB Percent	0%, 85%, 78%
CMY	1.0000, 0.1529, 0.2235
CMYK	1.00, 0.00, 0.08, 0.15
HSL	175°, 100%, 42%
HSV	175°, 100%, 85%
XYZ	34.7489, 53.1890, 61.8611
YIQ	149.3640, -122.9580, -51.3900

Conversions

Conversions Part 2

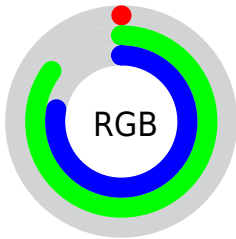
Format	Color
RYB	0, 113, 216
Decimal	55494
CIELab	77.99, -47.59, -3.60
CIELCh	78, 47.727, 184.327
Yxy	53.1890, 0.2320, 0.3551
Android (android.graphics.Color)	4278245574 (0xFF00D8C6)
YUV	149.3640, 23.9775, -130.9922
Hunter-Lab	72.9308, -42.5799, 0.7607

Details

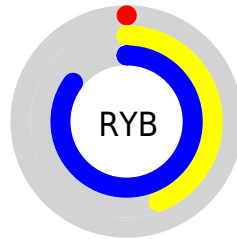
The Hex color **00D8C6** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D80012**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6CFFFF**, and **00A090** is the 20% darker color. If you saturate the color by 10%, you get **00D8C6**, and if you desaturate by 10%, it is **16D8C8**.

Distribution



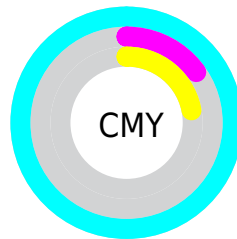
- Red (0%)
- Green (85%)
- Blue (78%)



- Red (0%)
- Yellow (44%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D8C6 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 00D8C6 by changing the saturation by 10% instead.

 00D8C6

 00D8C6

FFFFFF

 00BCAB

 6CFFFF

 00A090

 8EFFFF

 008577

 AEFFFF

 006B5E

 CDFFFF

 005247

 EDFFFF

 003930

 00231B

 000000

 00D8C6

 16D8C8

 2BD8CA

 41D8CB

 56D8CD

 6CD8CF

 82D8D1

 97D8D3

 ADD8D4

 C2D8D6

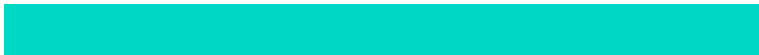
Harmonies

Analogous

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



70D599



00D8C6



00D6F1

Triad

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



00D8C6



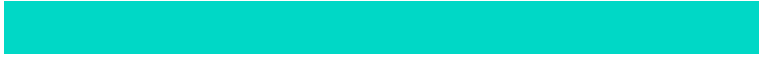
CEB3FF



FCB172

Complementary

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



00D8C6



D80012

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.



FFA391



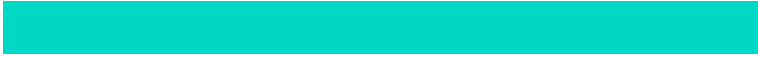
00D8C6



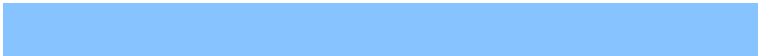
FDA4E8

Square

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



00D8C6



86C3FF



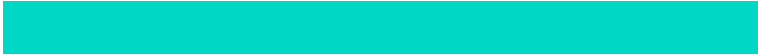
FF9DBC



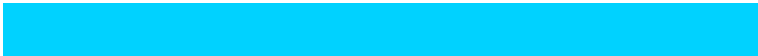
D6C067

Rectangle

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



00D8C6



00D2FF



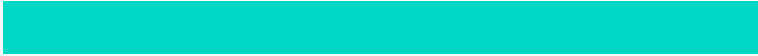
FF9DBC



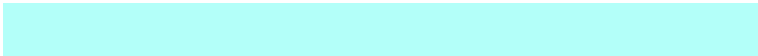
FFAC7A

Sweetspot

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



00D8C6



B3FFF9



12D800



52807C



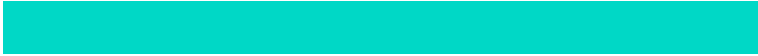
000000



808080

Same Dimension

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



00D8C6



00FFEA



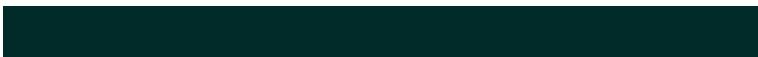
007ED8



606B6A



00AB9D



002B28

Inverse Universe

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



D80012



FF0015



D85A00



6B6061



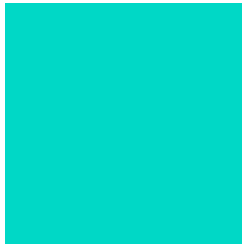
AB000E



2B0004

Previews

White Background



This preview shows how the Hex color 00D8C6 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 00D8C6 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

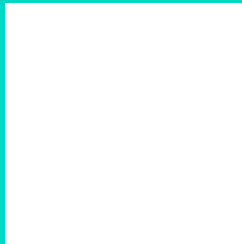
Any Text WCAG AAA ✓ Pass

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

Hex 00D8C6 Background



This preview shows how black text looks on a background with the Hex color 00D8C6.

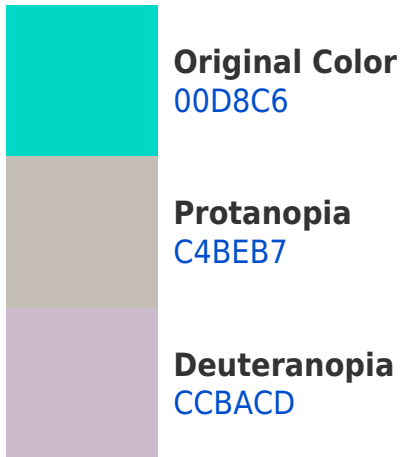


This preview shows how white text looks on a background with the Hex color 00D8C6.

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
35D4E5

Trichromacy



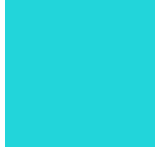
Original Color
00D8C6



Protanomaly
7DC7BC

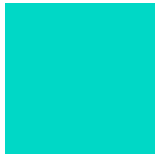


Deuteranomaly
82C5CA



Tritanomaly
22D5DA

Monochromacy



Original Color
00D8C6



Achromatopsia
959595



Achromatomaly
5FADA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D8C6 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 #00D8C6 looks like.

```
.text, #text, p{  
    color:#00D8C6  
}
```

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 #00D8C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D8C6
}
```

Border

The CSS property to change the border of an element to Hex 00D8C6 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
#00D8C6 }
```

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

```
.border{ border-color:#00D8C6 }
```

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

Here you see how a box with a 4 pixel #00D8C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D8C6; -webkit-box-shadow:4px 4px  
4px 4px #00D8C6; box-shadow:4px 4px 4px  
4px #00D8C6 }
```

Background

The CSS property to change the background color of an element to Hex 00D8C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D8C6 }
```

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

```
.background{ background-color:#00D8C6 }
```

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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