

Converting Colors

Hex(00D6B5)

Have a look what the booklet for
Hex(00D6B5) contains.

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Color

Hex(00D6B5)

Conversions

Conversions Part 1

Format	Color
Hex	00D6B5
RGB	0, 214, 181
RGB Percent	0%, 84%, 71%
CMY	1.0000, 0.1608, 0.2902
CMYK	1.00, 0.00, 0.15, 0.16
HSL	171°, 100%, 42%
HSV	171°, 100%, 84%
XYZ	32.3871, 51.4293, 51.9359
YIQ	146.2520, -116.9510, -55.6310

Conversions

Conversions Part 2

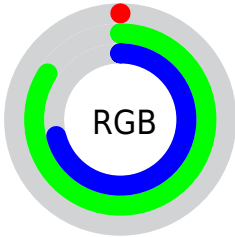
Format	Color
RYB	0, 116, 214
Decimal	54965
CIELab	76.94, -51.36, 3.97
CIELCh	77, 51.517, 175.578
Yxy	51.4293, 0.2386, 0.3788
Android (android.graphics.Color)	4278245045 (0xFF00D6B5)
YUV	146.2520, 17.1308, -128.2630
Hunter-Lab	71.7142, -44.8871, 7.2618

Details

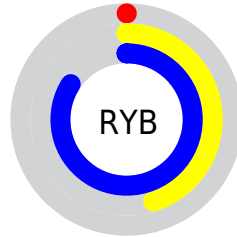
The Hex color **00D6B5** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D60021**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6AFFED**, and **009E80** is the 20% darker color. If you saturate the color by 10%, you get **00D6B5**, and if you desaturate by 10%, it is **15D6B8**.

Distribution



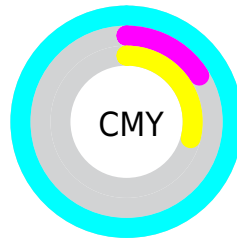
- Red (0%)
- Green (84%)
- Blue (71%)



- Red (0%)
- Yellow (45%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00D6B5 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 00D6B5 by changing the saturation by 10% instead.

 00D6B5

 00D6B5

FFFFFF

 00BA9A

 6AFFED

 009E80

 8BFFFF

 008367

 ABFFFF

 00694F

 CBFFFF

 005038

 EAffff

 003723

 00200E

 000000

 00D6B5

 15D6B8

 2BD6BC

 40D6BF

 56D6C2

 6BD6C6

 80D6C9

 96D6CC

 ABD6CF

 C1D6D3

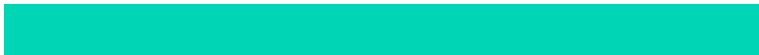
Harmonies

Analogous

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



78D186



00D6B5



00D6E6

Triad

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



00D6B5



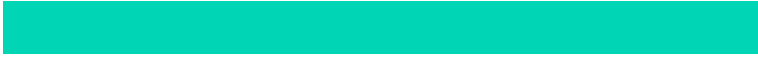
B7B4FF



FFA870

Complementary

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



00D6B5



D60021

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.



FF9A97



00D6B5



F3A2F4

Square

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



00D6B5



5BC5FF



FF97C7



E1B95D

Rectangle

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



00D6B5



00D3FF



FF97C7



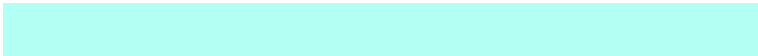
FFA27C

Sweetspot

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



00D6B5



B3FFF3



24D600



528078



000000



808080

Same Dimension

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



00D6B5



00FFD8



008FD6



606B69



00AB91



002B25

Inverse Universe

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



D60021



FF0027



D64700



6B6062



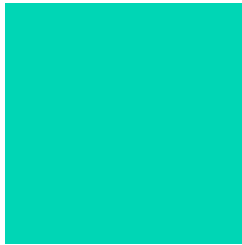
AB001A



2B0007

Previews

White Background



This preview shows how the Hex color 00D6B5 looks on a white background.

Color Contrast Check

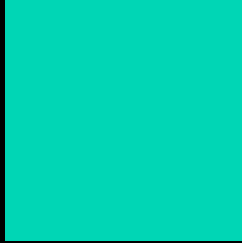
Large Text (above 18pt) WCAG AA × Fail

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 00D6B5 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

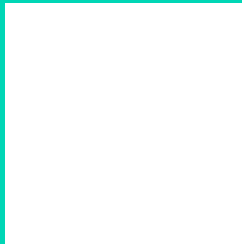
Any Text WCAG AAA ✓ Pass

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

Hex 00D6B5 Background



This preview shows how black text looks on a background with the Hex color 00D6B5.



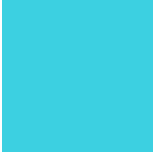
This preview shows how white text looks on a background with the Hex color 00D6B5.

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
3CD0E1

Trichromacy



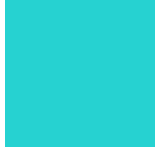
Original Color
00D6B5



Protanomaly
7DC5AC

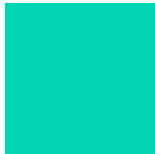


Deuteranomaly
84C2B9



Tritanomaly
26D2D1

Monochromacy



Original Color
00D6B5



Achromatopsia
929292



Achromatomaly
5DAB9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00D6B5 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 #00D6B5 looks like.

```
.text, #text, p{  
    color:#00D6B5  
}
```

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 #00D6B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D6B5
}
```

Border

The CSS property to change the border of an element to Hex 00D6B5 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
#00D6B5 }
```

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

```
.border{ border-color:#00D6B5 }
```

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

Here you see how a box with a 4 pixel #00D6B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D6B5; -webkit-box-shadow:4px 4px  
4px 4px #00D6B5; box-shadow:4px 4px 4px  
4px #00D6B5 }
```

Background

The CSS property to change the background color of an element to Hex 00D6B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D6B5 }
```

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

```
.background{ background-color:#00D6B5 }
```

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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