

Converting Colors

Hex(0BDCA7)

Have a look what the booklet for
Hex(0BDCA7) contains.

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Color

Hex(0BDCA7)

Conversions

Conversions Part 1

Format	Color
Hex	0BDCA7
RGB	11, 220, 167
RGB Percent	4%, 86%, 65%
CMY	0.9569, 0.1373, 0.3451
CMYK	0.95, 0.00, 0.24, 0.14
HSL	165°, 90%, 45%
HSV	165°, 95%, 86%
XYZ	32.7063, 54.0476, 45.2676
YIQ	151.4670, -107.5510, -60.7910

Conversions

Conversions Part 2

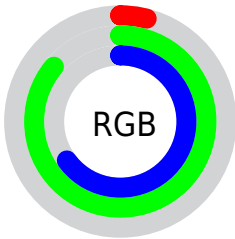
Format	Color
RYB	11, 131, 220
Decimal	777383
CIELab	78.49, -56.91, 13.64
CIELCh	78, 58.519, 166.518
Yxy	54.0476, 0.2477, 0.4094
Android (android.graphics.Color)	4278967463 (0xFF0BDCA7)
YUV	151.4670, 7.6578, -123.1896
Hunter-Lab	73.5171, -49.2438, 14.9545

Details

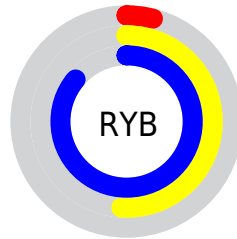
The Hex color **0BDCA7** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **DC0B40**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6DFFDE**, and **00A473** is the 20% darker color. If you saturate the color by 10%, you get **00DCA4**, and if you desaturate by 10%, it is **21DCAD**.

Distribution



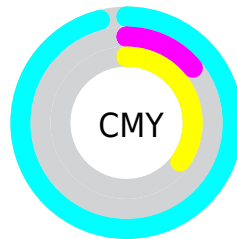
- Red (4%)
- Green (86%)
- Blue (65%)



- Red (4%)
- Yellow (51%)
- Blue (86%)



- Cyan (95%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (96%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BDCA7 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 0BDCA7 by changing the saturation by 10% instead.

 0BDCA7

 0BDCA7

FFFFFF

 00C08D

 6DFFDE

 00A473

 8EFFFF

 00885A

 ADFFFF

 006E43

 CDFFFF

 00542C

 ECFFFF

 003B17

 002400

 000000

 0BDCA7

 0BDCA7

00DCA4

21DCAD

37DCB2

4DDCB8

63DCBD

79DCC3

8FDCC8

A5DCCE

BBDCD4

D1DCD9

Harmonies

Analogous

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



87D574



0BDCA7



00DEDF

Triad

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



0BDCA7



9CBEFF



FFA275

Complementary

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



0BDCA7



DC0B40

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.



FF95A6



0BDCA7



ECA8FF

Square

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



0BDCA7



00CFFF



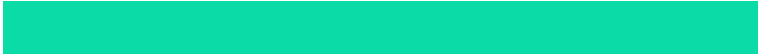
FF97DD



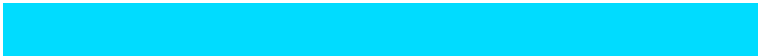
F7B756

Rectangle

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



0BDCA7



00DCFF



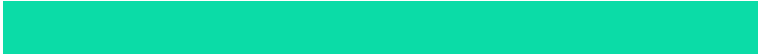
FF97DD



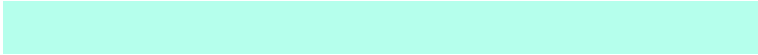
FF9D84

Sweetspot

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



0BDCA7



B5FFEC



43DC0B



538074



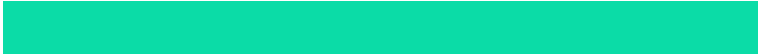
000000



808080

Same Dimension

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



0BDCA7



00FFBE



0BABDC



636E6B



00AD81



002E22

Inverse Universe

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



DC0B40



FF0041



DC3C0B



6E6365



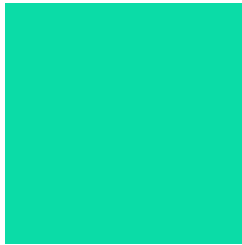
AD002C



2E000C

Previews

White Background



This preview shows how the Hex color 0BDCA7 looks on a white background.

Color Contrast Check

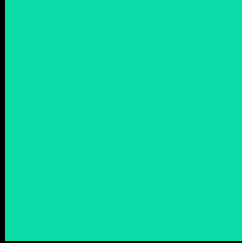
Large Text (above 18pt) WCAG AA × Fail

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 0BDCA7 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

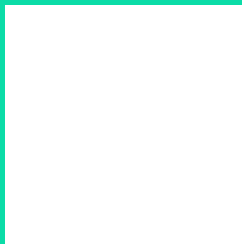
Any Text WCAG AAA ✓ Pass

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

Hex 0BDCA7 Background



This preview shows how black text looks on a background with the Hex color 0BDCA7.

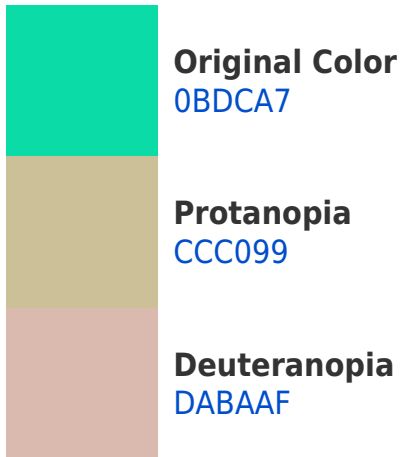


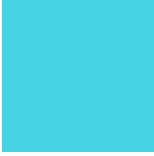
This preview shows how white text looks on a background with the Hex color 0BDCA7.

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
46D4E5

Trichromacy



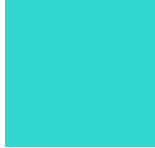
Original Color
0BDCA7



Protanomaly
86CA9E



Deuteranomaly
8FC6AC



Tritanomaly
31D7CE

Monochromacy



Original Color
0BDCA7



Achromatopsia
979797



Achromatomaly
64B09D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BDCA7 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 #0BDCA7 looks like.

```
.text, #text, p{  
    color:#0BDCA7  
}
```

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 #0BDCA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BDCA7
}
```

Border

The CSS property to change the border of an element to Hex 0BDCA7 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
#0BDCA7 }
```

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

```
.border{ border-color:#0BDCA7 }
```

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

Here you see how a box with a 4 pixel #0BDCA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BDCA7; -webkit-box-shadow:4px 4px  
4px 4px #0BDCA7; box-shadow:4px 4px 4px  
4px #0BDCA7 }
```

Background

The CSS property to change the background color of an element to Hex 0BDCA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BDCA7 }
```

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

```
.background{ background-color:#0BDCA7 }
```

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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