

Converting Colors

Hex(0BDDA0)

Have a look what the booklet for
Hex(0BDDA0) contains.

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Color

Hex(0BDDA0)

Conversions

Conversions Part 1

Format	Color
Hex	0BDDA0
RGB	11, 221, 160
RGB Percent	4%, 87%, 63%
CMY	0.9569, 0.1333, 0.3725
CMYK	0.95, 0.00, 0.28, 0.13
HSL	163°, 91%, 45%
HSV	163°, 95%, 87%
XYZ	32.3396, 54.3221, 42.0384
YIQ	151.2560, -105.5790, -63.4910

Conversions

Conversions Part 2

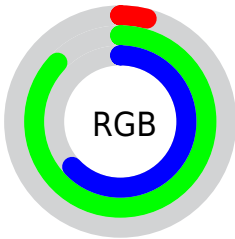
Format	Color
RYB	11, 134, 221
Decimal	777632
CIELab	78.65, -58.91, 17.56
CIELCh	79, 61.469, 163.405
Yxy	54.3221, 0.2513, 0.4221
Android (android.graphics.Color)	4278967712 (0xFF0BDDA0)
YUV	151.2560, 4.3108, -123.0045
Hunter-Lab	73.7035, -50.6590, 17.7751

Details

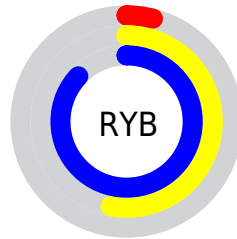
The Hex color **0BDDA0** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **DD0B48**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6CFFD7**, and **00A56C** is the 20% darker color. If you saturate the color by 10%, you get **00DD9D**, and if you desaturate by 10%, it is **21DDA6**.

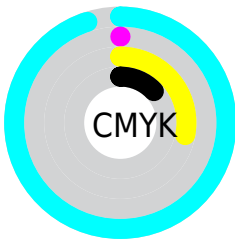
Distribution



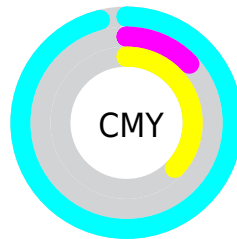
- Red (4%)
- Green (87%)
- Blue (63%)



- Red (4%)
- Yellow (53%)
- Blue (87%)



- Cyan (95%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)



- Cyan (96%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BDDA0 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 0BDDA0 by changing the saturation by 10% instead.

 0BDDA0

 0BDDA0

FFFFFF

 00C086

 6CFFD7

 00A56C

 8EFFF3

 008954

 ADFFFF

 006F3C

 CDFFFF

 005526

 ECFFFF

 003C11

 002400

 000000

 0BDDA0

 0BDDA0

00DD9D

21DDA6

37DDAD

4DDDB3

63DDBA

7ADDC0

90DDC7

A6DDCD

BCDDD3

D2DDDA

Harmonies

Analogous

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



8BD56C



0BDDA0



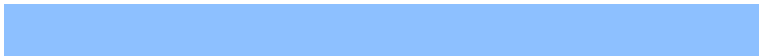
00DFDB

Triad

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



0BDDA0



8DC0FF



FF9F77

Complementary

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



0BDDA0



DD0B48

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.



FF91AB



0BDDA0



E8A9FF

Square

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



0BDDA0



00D2FF



FF95E5



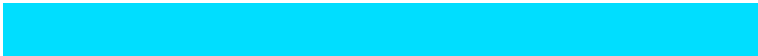
FDB452

Rectangle

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



0BDDA0



00DEFF



FF95E5



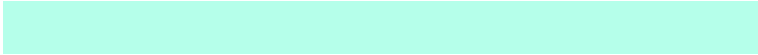
FF9987

Sweetspot

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



0BDDA0



B5FFEA



4ADD0B



538073



000000



808080

Same Dimension

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



0BDDA0



00FFB5



0BB3DD



636E6A



00AD7B



002E21

Inverse Universe

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



DD0B48



FF004A



DD350B



6E6366



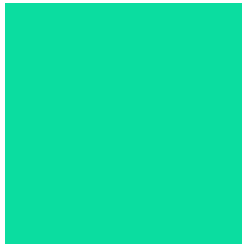
AD0032



2E000D

Previews

White Background



This preview shows how the Hex color 0BDDA0 looks on a white background.

Color Contrast Check

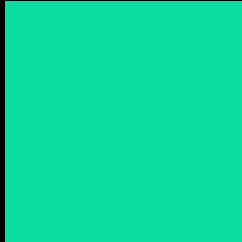
Large Text (above 18pt) WCAG AA × Fail

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 0BDDA0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

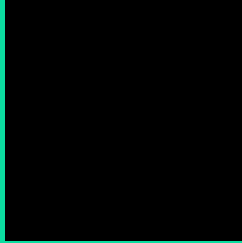
Any Text WCAG AA ✓ Pass

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 0BDDA0 Background



This preview shows how black text looks on a background with the Hex color 0BDDA0.

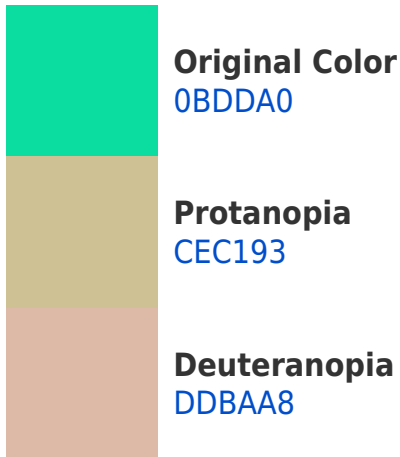


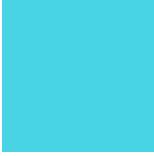
This preview shows how white text looks on a background with the Hex color 0BDDA0.

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
49D4E5

Trichromacy



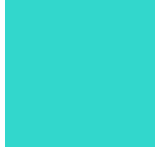
Original Color
0BDDA0



Protanomaly
87CB98



Deuteranomaly
91C7A5



Tritanomaly
32D7CC

Monochromacy



Original Color
0BDDA0



Achromatopsia
979797



Achromatomaly
64B09A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BDDA0 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 #0BDDA0 looks like.

```
.text, #text, p{  
    color:#0BDDA0  
}
```

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 #0BDDA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BDDA0
}
```

Border

The CSS property to change the border of an element to Hex 0BDDA0 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
#0BDDA0 }
```

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

```
.border{ border-color:#0BDDA0 }
```

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

Here you see how a box with a 4 pixel #0BDDA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BDDA0; -webkit-box-shadow:4px 4px  
4px 4px #0BDDA0; box-shadow:4px 4px 4px  
4px #0BDDA0 }
```

Background

The CSS property to change the background color of an element to Hex 0BDDA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BDDA0 }
```

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

```
.background{ background-color:#0BDDA0 }
```

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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