

Converting Colors

Hex(0BDA93)

Have a look what the booklet for
Hex(0BDA93) contains.

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Color

Hex(0BDA93)

Conversions

Conversions Part 1

Format	Color
Hex	0BDA93
RGB	11, 218, 147
RGB Percent	4%, 85%, 58%
CMY	0.9569, 0.1451, 0.4235
CMYK	0.95, 0.00, 0.33, 0.15
HSL	159°, 90%, 45%
HSV	159°, 95%, 85%
XYZ	30.4759, 52.3205, 36.0964
YIQ	148.0130, -100.5810, -65.9650

Conversions

Conversions Part 2

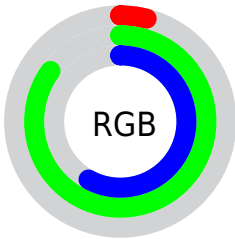
Format	Color
R_{YB}	11, 136, 218
Decimal	776851
CIE _{Lab}	77.47, -60.67, 22.74
CIE _{LCh}	77, 64.795, 159.455
Yxy	52.3205, 0.2563, 0.4401
Android (android.graphics.Color)	4278966931 (0xFF0BDA93)
YUV	148.0130, -0.4994, -120.1604
Hunter-Lab	72.3329, -51.3756, 21.0455

Details

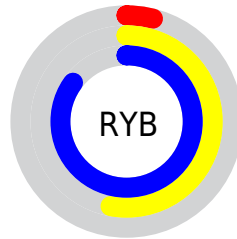
The Hex color **0BDA93** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **DA0B52**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6BFFC9**, and **00A260** is the 20% darker color. If you saturate the color by 10%, you get **00DA8F**, and if you desaturate by 10%, it is **21DA9A**.

Distribution



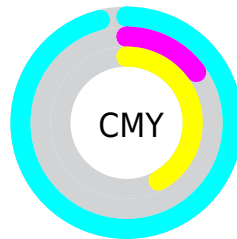
- Red (4%)
- Green (85%)
- Blue (58%)



- Red (4%)
- Yellow (53%)
- Blue (85%)



- Cyan (95%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)



- Cyan (96%)
- Magenta (15%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BDA93 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 0BDA93 by changing the saturation by 10% instead.

 0BDA93

 0BDA93

FFFFFF

 00BD79

 6BFFC9

 00A260

 8CFFE5

 008648

 ACFFFF

 006C31

 CBFFFF

 00521A

 EAFFFF

 003A02

 002100

 000000

 0BDA93

 0BDA93

00DA8F

21DA9A

37DAA2

4CDAA9

62DAB1

78DAB8

8EDAC0

A4DAC7

B9DACF

CFDAD6

Harmonies

Analogous

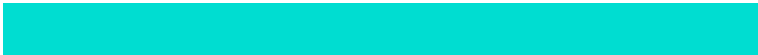
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8ED15E



0BDA93



00DDD1

Triad

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



0BDA93



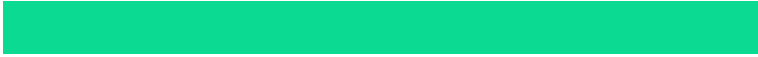
71C0FF



FF9676

Complementary

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



0BDA93



DA0B52

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.



FF89AF



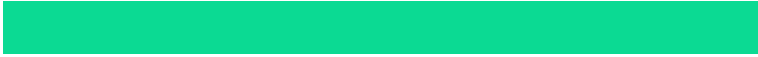
0BDA93



DCA8FF

Square

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



0BDA93



00D1FF



FF91EB



FFAD4C

Rectangle

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



0BDA93



00DCF9



FF91EB



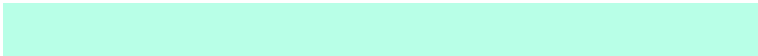
FF9088

Sweetspot

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



0BDA93



B8FFE7



53DA0B



548071



000000



808080

Same Dimension

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



0BDA93



00FFA8



0BBBDA



636E6A



00AD72



002E1E

Inverse Universe

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



DA0B52



FF0057



DA2A0B



6E6366



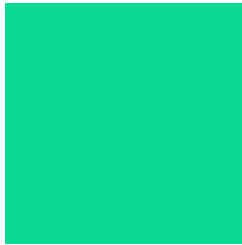
AD003B



2E0010

Previews

White Background



This preview shows how the Hex color 0BDA93 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 0BDA93 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

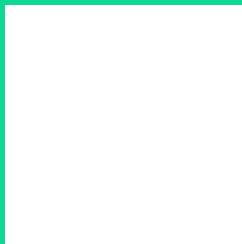
Any Text WCAG AAA ✓ Pass

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

Hex 0BDA93 Background



This preview shows how black text looks on a background with the Hex color 0BDA93.

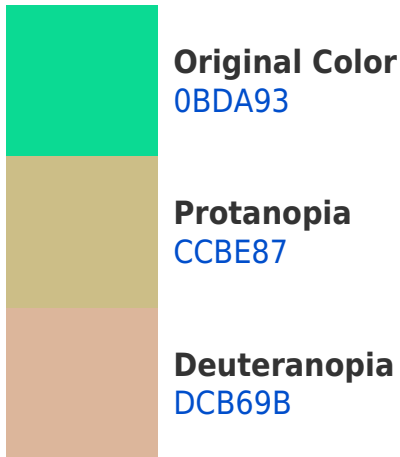


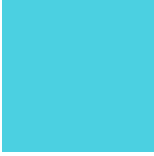
This preview shows how white text looks on a background with the Hex color 0BDA93.

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
4BD0E1

Trichromacy



Original Color
0BDA93



Protanomaly
86C88B



Deuteranomaly
90C398



Tritanomaly
34D4C5

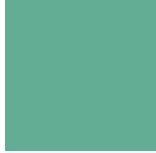
Monochromacy



Original Color
0BDA93



Achromatopsia
949494



Achromatomaly
62AD94

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BDA93 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 #0BDA93 looks like.

```
.text, #text, p{  
    color:#0BDA93  
}
```

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 #0BDA93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BDA93
}
```

Border

The CSS property to change the border of an element to Hex 0BDA93 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
#0BDA93 }
```

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

```
.border{ border-color:#0BDA93 }
```

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

Here you see how a box with a 4 pixel #0BDA93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BDA93; -webkit-box-shadow:4px 4px  
4px 4px #0BDA93; box-shadow:4px 4px 4px  
4px #0BDA93 }
```

Background

The CSS property to change the background color of an element to Hex 0BDA93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BDA93 }
```

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

```
.background{ background-color:#0BDA93 }
```

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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