

Converting Colors

Hex(0BD77D)

Have a look what the booklet for
Hex(0BD77D) contains.

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Color

Hex(0BD77D)

Conversions

Conversions Part 1

Format	Color
Hex	0BD77D
RGB	11, 215, 125
RGB Percent	4%, 84%, 49%
CMY	0.9569, 0.1569, 0.5098
CMYK	0.95, 0.00, 0.42, 0.16
HSL	154°, 90%, 44%
HSV	154°, 95%, 84%
XYZ	28.1401, 50.1527, 27.5993
YIQ	143.7440, -92.6940, -71.2380

Conversions

Conversions Part 2

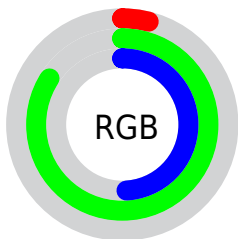
Format	Color
RYB	11, 142, 215
Decimal	776061
CIELab	76.16, -64.01, 32.33
CIELCh	76, 71.708, 153.203
Yxy	50.1527, 0.2657, 0.4736
Android (android.graphics.Color)	4278966141 (0xFF0BD77D)
YUV	143.7440, -9.2408, -116.4165
Hunter-Lab	70.8186, -53.0046, 26.4666

Details

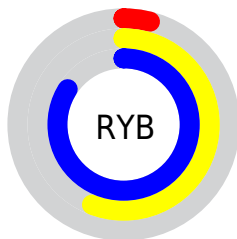
The Hex color **0BD77D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D70B65**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6AFFB2**, and **009F4B** is the 20% darker color. If you saturate the color by 10%, you get **00D778**, and if you desaturate by 10%, it is **21D786**.

Distribution



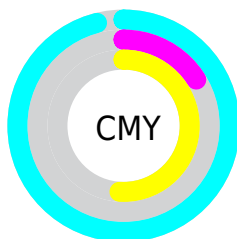
- Red (4%)
- Green (84%)
- Blue (49%)



- Red (4%)
- Yellow (56%)
- Blue (84%)



- Cyan (95%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (96%)
- Magenta (16%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BD77D 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 0BD77D by changing the saturation by 10% instead.

 0BD77D

 0BD77D

FFFFFF

 00BB63

 6AFFB2

 009F4B

 8BFFCE

 008333

 ABFFEB

 00691B

 CAFFFF

 004F01

 E9FFFF

 003700

 001E00

 000000

 0BD77D

 0BD77D

00D778

21D786

36D790

4CD799

61D7A3

76D7AC

8CD7B6

A2D7BF

B7D7C9

CDD7D2

Harmonies

Analogous

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



93CD43



0BD77D



00DBC1

Triad

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



0BD77D



00C1FF



FF8877

Complementary

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



0BD77D



D70B65

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.



FF7CB7



0BD77D



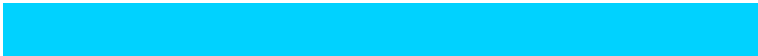
C6A7FF

Square

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



0BD77D



00D2FF



FF8BF9



FFA242

Rectangle

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



0BD77D



00DBEE



FF8BF9



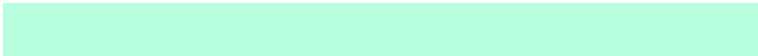
FF818C

Sweetspot

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



0BD77D



B8FFDF



67D70B



54806C



000000



808080

Same Dimension

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



0BD77D



00FF8E



0BCDD7



606B66



00AB5F



002B18

Inverse Universe

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



D70B65



FF0071



D7150B



6B6065



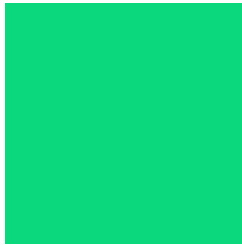
AB004B



2B0013

Previews

White Background



This preview shows how the Hex color 0BD77D looks on a white background.

Color Contrast Check

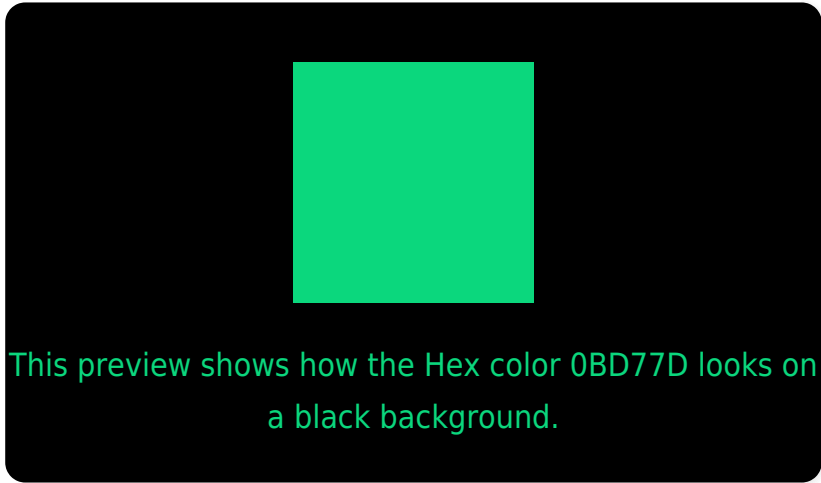
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 0BD77D Background



This preview shows how black text looks on a background with the Hex color 0BD77D.

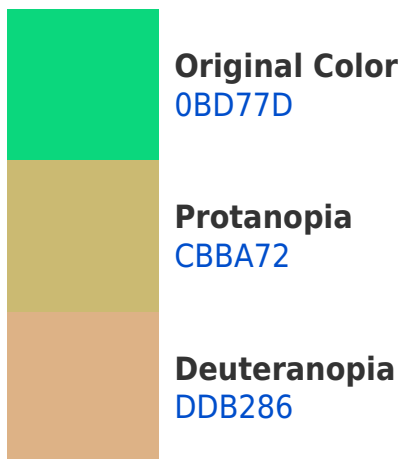


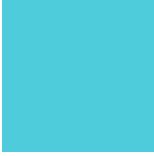
This preview shows how white text looks on a background with the Hex color 0BD77D.

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





Trichromacy



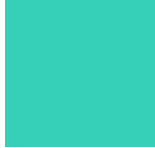
Original Color
0BD77D



Protanomaly
85C576



Deuteranomaly
91BF83



Tritanomaly
36D0B9

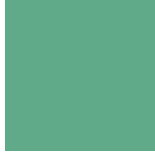
Monochromacy



Original Color
0BD77D



Achromatopsia
909090



Achromatomaly
60AA89

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BD77D 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 #0BD77D looks like.

```
.text, #text, p{  
    color:#0BD77D  
}
```

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 #0BD77D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BD77D
}
```

Border

The CSS property to change the border of an element to Hex 0BD77D 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
#0BD77D }
```

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

```
.border{ border-color:#0BD77D }
```

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

Here you see how a box with a 4 pixel #0BD77D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BD77D; -webkit-box-shadow:4px 4px  
4px 4px #0BD77D; box-shadow:4px 4px 4px  
4px #0BD77D }
```

Background

The CSS property to change the background color of an element to Hex 0BD77D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BD77D }
```

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

```
.background{ background-color:#0BD77D }
```

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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