

Converting Colors

Hex(0BD533)

Have a look what the booklet for
Hex(0BD533) contains.

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Color

Hex(0BD533)

Conversions

Conversions Part 1

Format	Color
Hex	0BD533
RGB	11, 213, 51
RGB Percent	4%, 84%, 20%
CMY	0.9569, 0.1647, 0.8000
CMYK	0.95, 0.00, 0.76, 0.16
HSL	132°, 90%, 44%
HSV	132°, 95%, 84%
XYZ	24.5298, 47.8987, 11.0845
YIQ	134.1340, -68.3900, -93.2060

Conversions

Conversions Part 2

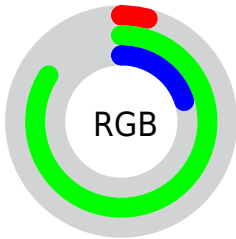
Format	Color
RYB	11, 180, 213
Decimal	775475
CIELab	74.76, -72.87, 63.10
CIELCh	75, 96.394, 139.112
Yxy	47.8987, 0.2937, 0.5735
Android (android.graphics.Color)	4278965555 (0xFF0BD533)
YUV	134.1340, -40.9851, -107.9885
Hunter-Lab	69.2089, -57.8495, 38.9503

Details

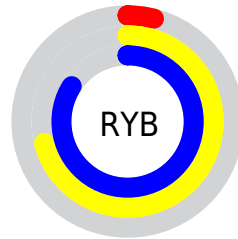
The Hex color **0BD533** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D50BAD**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6CFF6C**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **00D52A**, and if you desaturate by 10%, it is **20D544**.

Distribution



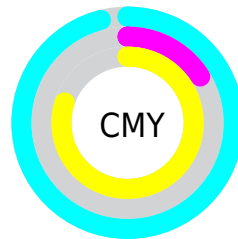
- Red (4%)
- Green (84%)
- Blue (20%)



- Red (4%)
- Yellow (71%)
- Blue (84%)



- Cyan (95%)
- Magenta (0%)
- Yellow (76%)
- Black (16%)



- Cyan (96%)
- Magenta (16%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BD533 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 0BD533 by changing the saturation by 10% instead.

 0BD533

 0BD533

FFFFFF

 00B80B

 6CFF6C

 009C00

 8EFF88

 008100

 ADFFA4

 006700

 CDFFC1

 004D00

 ECFFDE

 003500

FFFFFFC

 001900

 000000

 0BD533

 0BD533

00D52A

20D544

36D555

4BD566

60D577

76D588

8BD599

A0D5AB

B5D5BC

CBD5CD

Harmonies

Analogous

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



A8C500



0BD533



00DD93

Triad

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



0BD533



00CCFF



FF5184

Complementary

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



0BD533



D50BAD

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.



FF52DC



0BD533



57AFFF

Square

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



0BD533



00DBFF



FF82FF



FF7F2D

Rectangle

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



0BD533



00DFD2



FF82FF



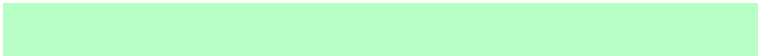
FF49A1

Sweetspot

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



0BD533



B8FFC6



B0D50B



54805D



000000



808080

Same Dimension

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



0BD533



00FF32



0BD595



606B63



00AB22



002B09

Inverse Universe

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



D50BAD



FF00CD



D50B4B



6B6069



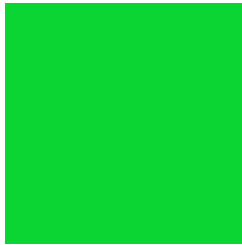
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 0BD533 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 0BD533 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 0BD533 Background



This preview shows how black text looks on a background with the Hex color 0BD533.

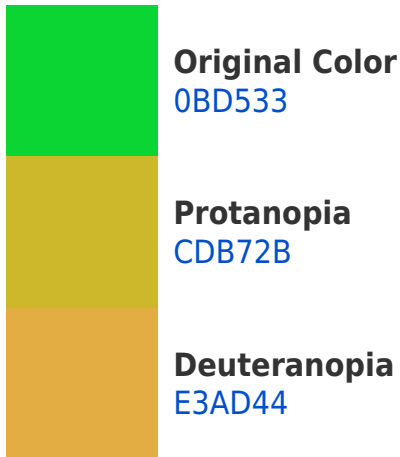


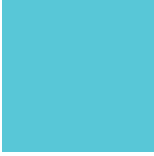
This preview shows how white text looks on a background with the Hex color 0BD533.

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](#).

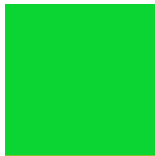
Dichromacy





Tritanopia
58C7D7

Trichromacy



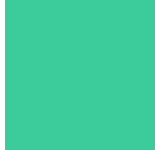
Original Color
0BD533



Protanomaly
86C22E



Deuteranomaly
94BC3E



Tritanomaly
3CCC9B

Monochromacy



Original Color
0BD533



Achromatopsia
868686



Achromatomaly
59A368

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BD533 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 #0BD533 looks like.

```
.text, #text, p{  
    color:#0BD533  
}
```

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 #0BD533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BD533
}
```

Border

The CSS property to change the border of an element to Hex 0BD533 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
#0BD533 }
```

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

```
.border{ border-color:#0BD533 }
```

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

Here you see how a box with a 4 pixel #0BD533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BD533; -webkit-box-shadow:4px 4px  
4px 4px #0BD533; box-shadow:4px 4px 4px  
4px #0BD533 }
```

Background

The CSS property to change the background color of an element to Hex 0BD533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BD533 }
```

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

```
.background{ background-color:#0BD533 }
```

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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