

Converting Colors

Hex(0BDF47)

Have a look what the booklet for
Hex(0BDF47) contains.

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Color

Hex(0BDF47)

Conversions

Conversions Part 1

Format	Color
Hex	0BDF47
RGB	11, 223, 71
RGB Percent	4%, 87%, 28%
CMY	0.9569, 0.1255, 0.7216
CMYK	0.95, 0.00, 0.68, 0.13
HSL	137°, 91%, 46%
HSV	137°, 95%, 87%
XYZ	27.6630, 53.3014, 14.7915
YIQ	142.2840, -77.5600, -92.2160

Conversions

Conversions Part 2

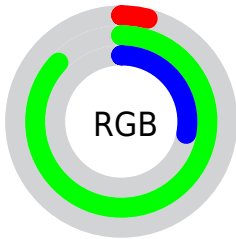
Format	Color
RYB	11, 176, 223
Decimal	778055
CIELab	78.05, -74.05, 59.35
CIELCh	78, 94.895, 141.288
Yxy	53.3014, 0.2889, 0.5566
Android (android.graphics.Color)	4278968135 (0xFF0BDF47)
YUV	142.2840, -35.1430, -115.1361
Hunter-Lab	73.0078, -60.1292, 39.0933

Details

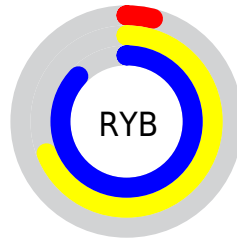
The Hex color **0BDF47** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DF0BA3**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6EFF7E**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **00DF3F**, and if you desaturate by 10%, it is **21DF57**.

Distribution



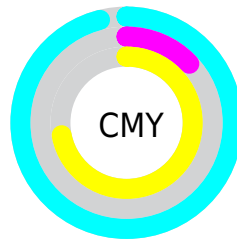
- Red (4%)
- Green (87%)
- Blue (28%)



- Red (4%)
- Yellow (69%)
- Blue (87%)



- Cyan (95%)
- Magenta (0%)
- Yellow (68%)
- Black (13%)



- Cyan (96%)
- Magenta (13%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BDF47 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 0BDF47 by changing the saturation by 10% instead.

 0BDF47

 0BDF47

FFFFFF

 00C22A

 6EFF7E

 00A600

 90FF9A

 008A00

 B0FFB6

 006F00

 D0FFD3

 005500

 EFFFF0

 003D00

 002300

 000000

 0BDF47

 0BDF47

 00DF3F

 21DF57

 38DF67

 4EDF77

 64DF87

 7ADF97

 91DFA7

 A7DFB7

 BDDFC7

 D4DFD7

Harmonies

Analogous

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



ACCF00



0BDF47



00E6A3

Triad

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



0BDF47



00D3FF



FF6387

Complementary

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



0BDF47



DF0BA3

Split Complementary

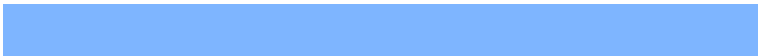
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5FDF



0BDF47



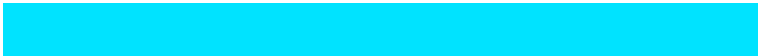
7EB5FF

Square

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



0BDF47



00E3FF



FF89FF



FF8C32

Rectangle

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



0BDF47



00E8E1



FF89FF



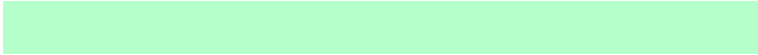
FF5BA4

Sweetspot

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



0BDF47



B5FFCA



A6DF0B



538060



000000



808080

Same Dimension

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



0BDF47



00FF48



0BDFAE



657068



00B032



00300E

Inverse Universe

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



DF0BA3



FF00B7



DF0B3C



70656D



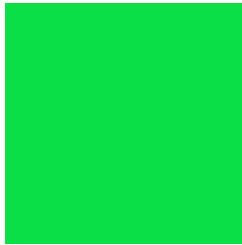
B0007E



300023

Previews

White Background



This preview shows how the Hex color 0BDF47 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 0BDF47 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 0BDF47 Background



This preview shows how black text looks on a background with the Hex color 0BDF47.

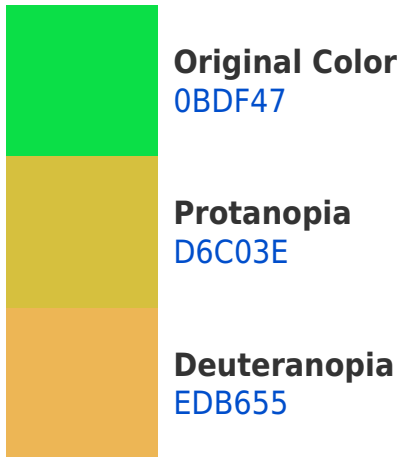


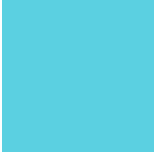
This preview shows how white text looks on a background with the Hex color 0BDF47.

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](#).

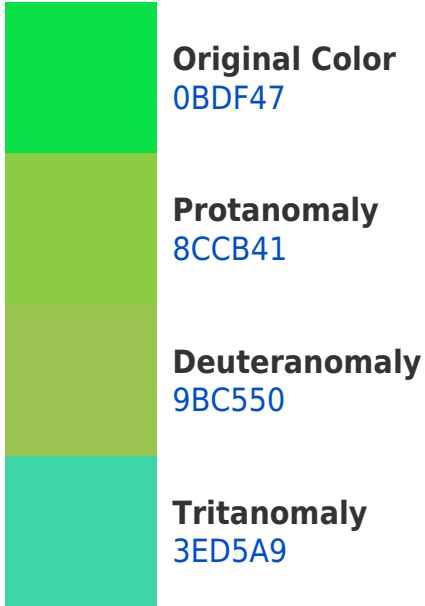
Dichromacy



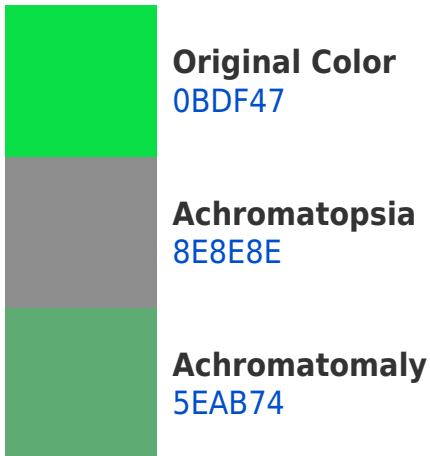


Tritanopia
5BD0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0BDF47 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 #0BDF47 looks like.

```
.text, #text, p{  
    color:#0BDF47  
}
```

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 #0BDF47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BDF47
}
```

Border

The CSS property to change the border of an element to Hex 0BDF47 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
#0BDF47 }
```

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

```
.border{ border-color:#0BDF47 }
```

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

Here you see how a box with a 4 pixel #0BDF47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BDF47; -webkit-box-shadow:4px 4px  
4px 4px #0BDF47; box-shadow:4px 4px 4px  
4px #0BDF47 }
```

Background

The CSS property to change the background color of an element to Hex 0BDF47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BDF47 }
```

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

```
.background{ background-color:#0BDF47 }
```

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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