

# Converting Colors

Hex(0FB537)

Have a look what the booklet for  
Hex(0FB537) contains.

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# Color

**Hex(0FB537)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FB537
RGB	15, 181, 55
RGB Percent	6%, 71%, 22%
CMY	0.9412, 0.2902, 0.7843
CMYK	0.92, 0.00, 0.70, 0.29
HSL	134°, 85%, 38%
HSV	134°, 92%, 71%
XYZ	17.4105, 33.4251, 9.1485
YIQ	117.0020, -58.4900, -74.3780

# Conversions

## Conversions Part 2

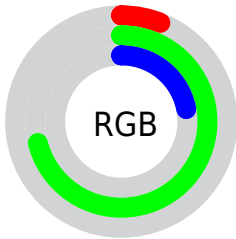
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 149, 181
Decimal	1029431
CIELab	64.50, -63.04, 51.20
CIELCh	65, 81.211, 140.915
Yxy	33.4251, 0.2903, 0.5572
Android (android.graphics.Color)	4279219511 (0xFF0FB537)
YUV	117.0020, -30.5670, -89.4558
Hunter-Lab	57.8145, -47.4212, 31.0881

# Details

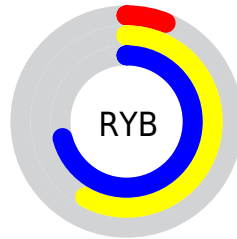
The Hex color **0FB537** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B50F8D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **64EE6C**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **00B52C**, and if you desaturate by 10%, it is **21B545**.

# Distribution



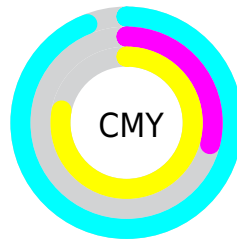
- Red (6%)
- Green (71%)
- Blue (22%)



- Red (6%)
- Yellow (58%)
- Blue (71%)



- Cyan (92%)
- Magenta (0%)
- Yellow (70%)
- Black (29%)



- Cyan (94%)
- Magenta (29%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FB537 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 0FB537 by changing the saturation by 10% instead.



 0FB537

 0FB537

FFFFFF

 00991A

 64EE6C

 007E00

 83FF87

 006400

 A1FFA2

 004B00

 C0FFBE

 003400

 DEFFDB

 001800

 F0FFF8

 000000

 0FB537

 0FB537

 00B52C

 21B545

 33B552

 45B560

 57B56E

 6AB57C

 7CB589

 8EB597

 A0B5A5

 B2B5B3

# Harmonies

## Analogous

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



8CA800



0FB537



00BB83

# Triad

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



0FB537



00ACFF



FF4F6D

# Complementary

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



0FB537



B50F8D

# 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.



FF4CB6



0FB537



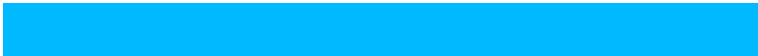
6393FF

# Square

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



0FB537



00B9FF



DD6FF9



FF7128

# Rectangle

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



0FB537



00BDB6



DD6FF9



FF4885



# Sweetspot

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



0FB537



A9EBB9



8EB50F



4D7557



F5F5F5



757575



# Same Dimension

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



0FB537



00EB39



0FB589



505952



009925



001A06



# Inverse Universe

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



B50F8D



EB00B2



B50F3B



595057



990074



1A0013



# Previews

## White Background



This preview shows how the Hex color 0FB537 looks on a white background.

## Color Contrast Check

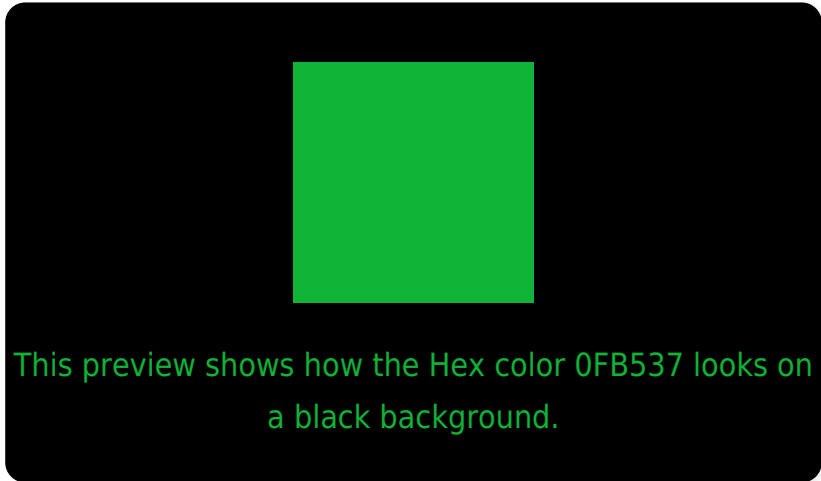
Large Text (above 18pt) WCAG AA × Fail

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 0FB537 Background



This preview shows how black text looks on a background with the Hex color 0FB537.

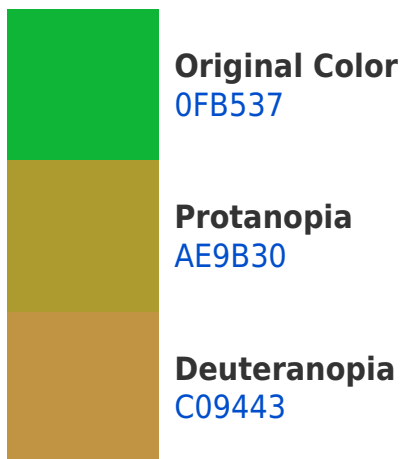


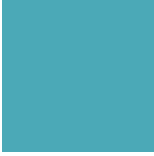
This preview shows how white text looks on a background with the Hex color 0FB537.

# 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**  
4BA9B7

# Trichromacy



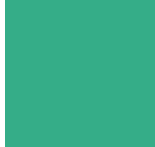
**Original Color**  
0FB537



**Protanomaly**  
74A433



**Deuteranomaly**  
80A03F



**Tritanomaly**  
35AD88

# Monochromacy



**Original Color**  
0FB537



**Achromatopsia**  
757575



**Achromatomaly**  
508C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FB537 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 #0FB537 looks like.

```
.text, #text, p{  
    color:#0FB537  
}
```

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 #0FB537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FB537
}
```

## Border

The CSS property to change the border of an element to Hex 0FB537 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
#0FB537 }
```

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

```
.border{ border-color:#0FB537 }
```

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

Here you see how a box with a 4 pixel #0FB537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FB537; -webkit-box-shadow:4px 4px  
4px 4px #0FB537; box-shadow:4px 4px 4px  
4px #0FB537 }
```

# Background

The CSS property to change the background color of an element to Hex 0FB537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FB537 }
```

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

```
.background{ background-color:#0FB537 }
```

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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