

# Converting Colors

Hex(1FAB4B)

Have a look what the booklet for  
Hex(1FAB4B) contains.

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**Color**

**Hex(1FAB4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FAB4B
RGB	31, 171, 75
RGB Percent	12%, 67%, 29%
CMY	0.8784, 0.3294, 0.7059
CMYK	0.82, 0.00, 0.56, 0.33
HSL	139°, 69%, 40%
HSV	139°, 82%, 67%
XYZ	16.3980, 29.9251, 11.5685
YIQ	118.1960, -52.6240, -59.5360

# Conversions

## Conversions Part 2

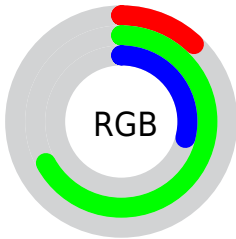
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 138, 171
Decimal	2075467
CIELab	61.59, -56.09, 39.05
CIElCh	62, 68.344, 145.155
Yxy	29.9251, 0.2833, 0.5169
Android (android.graphics.Color)	4280265547 (0xFF1FAB4B)
YUV	118.1960, -21.2956, -76.4709
Hunter-Lab	54.7039, -42.2248, 25.7544

# Details

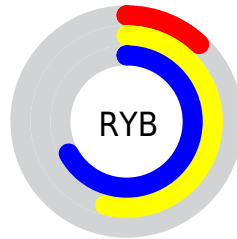
The Hex color **1FAB4B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB1F7F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **66E47E**, and **007519** is the 20% darker color. If you saturate the color by 10%, you get **0EAB3F**, and if you desaturate by 10%, it is **30AB57**.

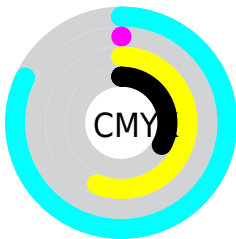
# Distribution



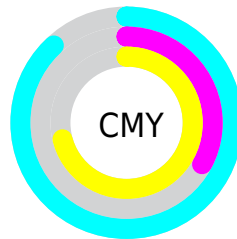
- Red (12%)
- Green (67%)
- Blue (29%)



- Red (12%)
- Yellow (54%)
- Blue (67%)



- Cyan (82%)
- Magenta (0%)
- Yellow (56%)
- Black (33%)



- Cyan (88%)
- Magenta (33%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FAB4B 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 1FAB4B by changing the saturation by 10% instead.





1FAB4B



1FAB4B

FFFFFF



009032



66E47E



007519



84FF99



005B00



A1FFB4



004200



BFFFD0



002C00



DDF FED



000B00



FBFFFF



000000



1FAB4B



1FAB4B



0EAB3F



30AB57

■ 00AB36

■ 41AB62

■ 52AB6E

■ 63AB7A

■ 74AB86

■ 86AB91

■ 97AB9D

■ A8ABA9

■ B9ABB5

# Harmonies

## Analogous

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



80A00E



1FAB4B



00B089

# Triad

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



1FAB4B



009FFF



FF5D65

# Complementary

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



1FAB4B



AB1F7F

# 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.



FB57A1



1FAB4B



8089FF

# Square

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



1FAB4B



00ACF8



D46DDB



E6762F

# Rectangle

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



1FAB4B



00B1B3



D46DDB



FF5879



# Sweetspot

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



1FAB4B



A6DEB8



81AB1F



4F7059



F0F0F0



707070



# Same Dimension

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



1FAB4B



04DE49



1FAB8F



4E5751



00962F



001707



# Inverse Universe

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



AB1F7F



DE049A



AB1F3B



574E54



960067



170010



# Previews

## White Background



This preview shows how the Hex color 1FAB4B looks on a white background.

## Color Contrast Check

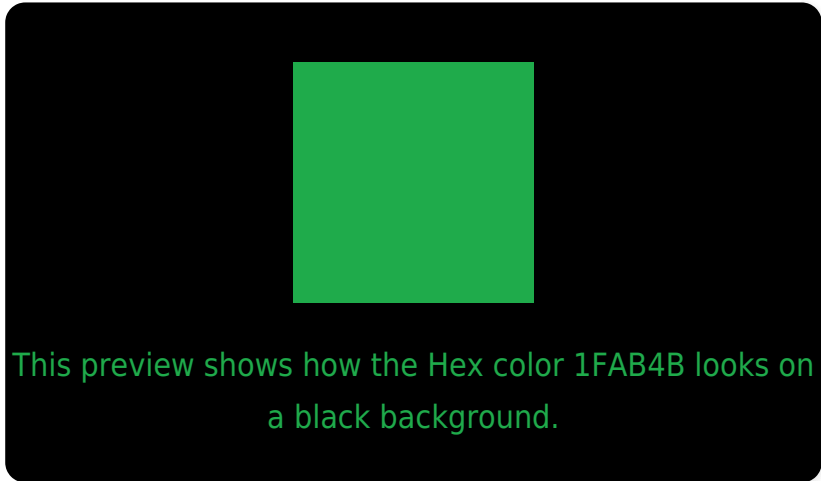
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 1FAB4B Background



This preview shows how black text looks on a background with the Hex color 1FAB4B.

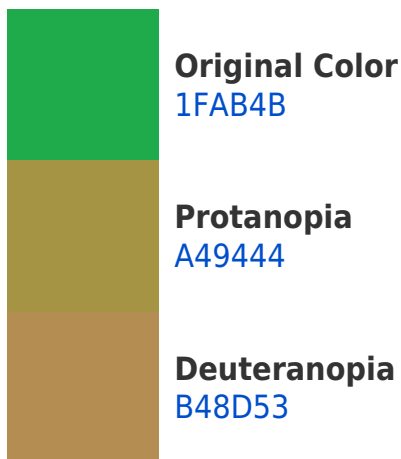


This preview shows how white text looks on a background with the Hex color 1FAB4B.

# 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](#).

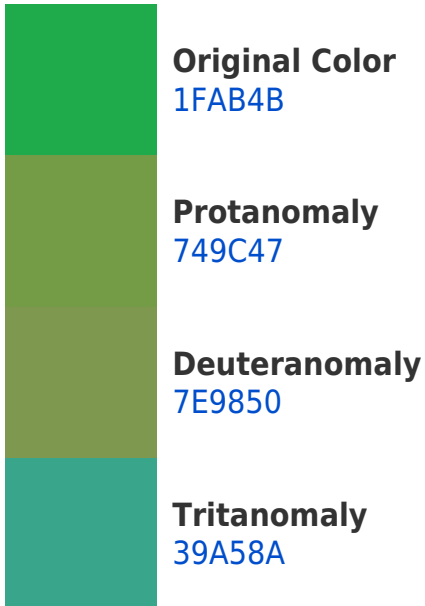
## Dichromacy





**Tritanopia**  
48A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FAB4B 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 #1FAB4B looks like.

```
.text, #text, p{  
    color:#1FAB4B  
}
```

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 #1FAB4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FAB4B
}
```

## Border

The CSS property to change the border of an element to Hex 1FAB4B 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
#1FAB4B }
```

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

```
.border{ border-color:#1FAB4B }
```

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

Here you see how a box with a 4 pixel #1FAB4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FAB4B; -webkit-box-shadow:4px 4px  
4px 4px #1FAB4B; box-shadow:4px 4px 4px  
4px #1FAB4B }
```

# Background

The CSS property to change the background color of an element to Hex 1FAB4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FAB4B }
```

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

```
.background{ background-color:#1FAB4B }
```

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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