

# Converting Colors

Hex(1FAD37)

Have a look what the booklet for  
Hex(1FAD37) contains.

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**Color**

**Hex(1FAD37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FAD37
RGB	31, 173, 55
RGB Percent	12%, 68%, 22%
CMY	0.8784, 0.3216, 0.7843
CMYK	0.82, 0.00, 0.68, 0.32
HSL	130°, 70%, 40%
HSV	130°, 82%, 68%
XYZ	16.1982, 30.4543, 8.6390
YIQ	117.0900, -46.7540, -66.8020

# Conversions

## Conversions Part 2

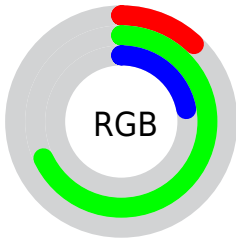
Format	Color
<a href="#">RYB</a>	<a href="#">31, 152, 173</a>
Decimal	<a href="#">2075959</a>
CIELab	<a href="#">62.04, -59.18, 48.62</a>
CIELCh	<a href="#">62, 76.594, 140.598</a>
Yxy	<a href="#">30.4543, 0.2930, 0.5508</a>
Android (android.graphics.Color)	<a href="#">4280266039 (0xFF1FAD37)</a>
YUV	<a href="#">117.0900, -30.6104, -75.5009</a>
Hunter-Lab	<a href="#">55.1854, -44.1804, 29.3483</a>

# Details

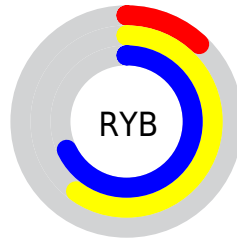
The Hex color **1FAD37** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AD1F95**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **67E66B**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **0EAD29**, and if you desaturate by 10%, it is **30AD45**.

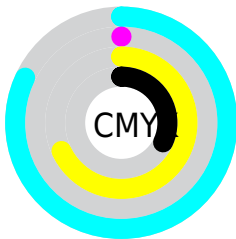
# Distribution



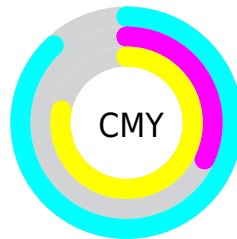
- Red (12%)
- Green (68%)
- Blue (22%)



- Red (12%)
- Yellow (60%)
- Blue (68%)



- Cyan (82%)
- Magenta (0%)
- Yellow (68%)
- Black (32%)



- Cyan (88%)
- Magenta (32%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FAD37 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 1FAD37 by changing the saturation by 10% instead.





1FAD37



1FAD37

FFFFFF



00921B



67E66B



007700



85FF86



005D00



A3FFA1



004400



C1FFBD



002D00



DFFFDA



000E00



FEFFF7



000000



1FAD37



1FAD37



0EAD29



30AD45

 00AD1D

 42AD54

 53AD62

 64AD71

 76AD7F

 87AD8D

 98AD9C

 A9ADAA

 BBADB8

# Harmonies

## Analogous

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



88A100



1FAD37



00B37E

# Triad

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



1FAD37



00A4FF



FF4F6B

# Complementary

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



1FAD37



AD1F95

# 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.



FF4DAE



1FAD37



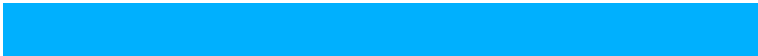
618DFF

# Square

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



1FAD37



00B0FE



D16CED



F56D2A

# Rectangle

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



1FAD37



00B4AD



D16CED



FF4981



# Sweetspot

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



1FAD37



A8E0B2



95AD1F



4F7054



F0F0F0



707070



# Same Dimension

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



1FAD37



04E02A



1FAD7E



4E574F



009619



001704



# Inverse Universe

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



AD1F95



E004BB



AD1F4E



574E55



96007D



170013



# Previews

## White Background



This preview shows how the Hex color 1FAD37 looks on a white background.

## Color Contrast Check

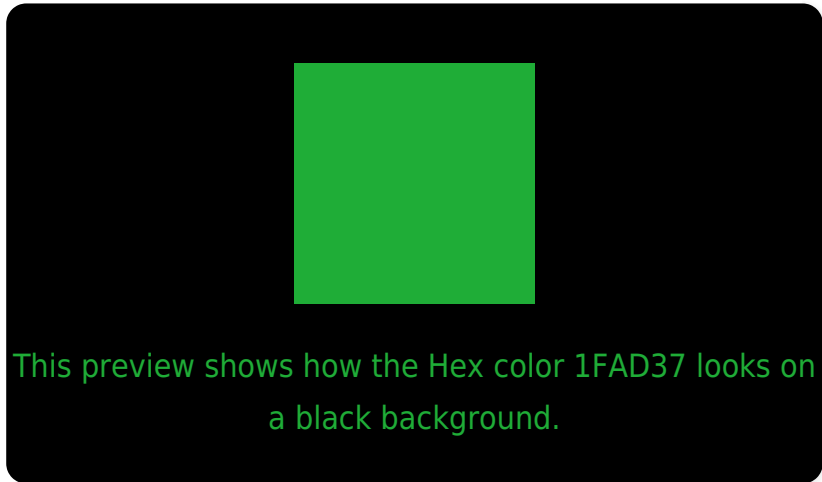
Large Text (above 18pt) WCAG AA × Fail

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 1FAD37 Background



This preview shows how black text looks on a background with the Hex color 1FAD37.

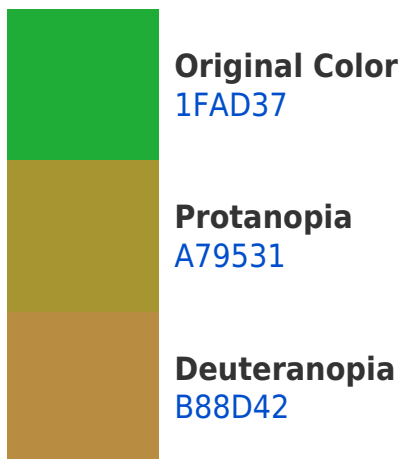


This preview shows how white text looks on a background with the Hex color 1FAD37.

# 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



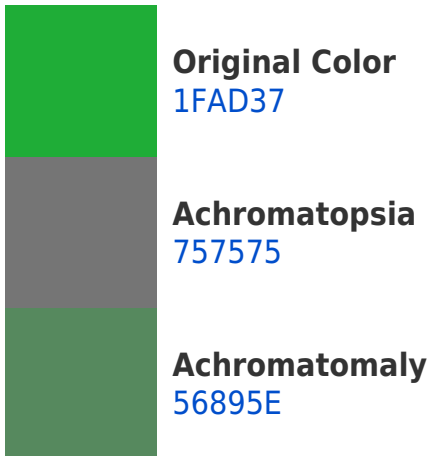


**Tritanopia**  
4BA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FAD37 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 #1FAD37 looks like.

```
.text, #text, p{  
    color:#1FAD37  
}
```

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 #1FAD37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FAD37
}
```

## Border

The CSS property to change the border of an element to Hex 1FAD37 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
#1FAD37 }
```

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

```
.border{ border-color:#1FAD37 }
```

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

Here you see how a box with a 4 pixel #1FAD37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FAD37; -webkit-box-shadow:4px 4px  
4px 4px #1FAD37; box-shadow:4px 4px 4px  
4px #1FAD37 }
```

# Background

The CSS property to change the background color of an element to Hex 1FAD37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FAD37 }
```

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

```
.background{ background-color:#1FAD37 }
```

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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