

# Converting Colors

Hex(1FA437)

Have a look what the booklet for  
Hex(1FA437) contains.

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**Color**

**Hex(1FA437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FA437
RGB	31, 164, 55
RGB Percent	12%, 64%, 22%
CMY	0.8784, 0.3569, 0.7843
CMYK	0.81, 0.00, 0.66, 0.36
HSL	131°, 68%, 38%
HSV	131°, 81%, 64%
XYZ	14.5301, 27.1181, 8.0829
YIQ	111.8070, -44.2790, -62.0950

# Conversions

## Conversions Part 2

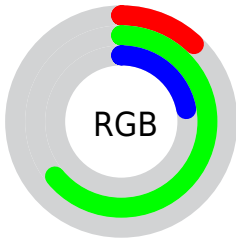
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 144, 164
Decimal	2073655
CIE <sub>Lab</sub>	59.08, -56.29, 45.40
CIE <sub>LCh</sub>	59, 72.313, 141.111
Yxy	27.1181, 0.2922, 0.5453
Android (android.graphics.Color)	4280263735 (0xFF1FA437)
YUV	111.8070, -28.0059, -70.8677
Hunter-Lab	52.0750, -41.3257, 27.2497

# Details

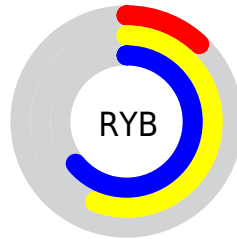
The Hex color **1FA437** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A41F8C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **65DC6B**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **0FA42A**, and if you desaturate by 10%, it is **2FA444**.

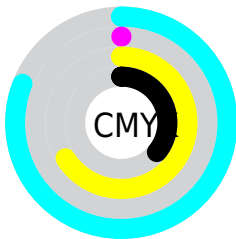
# Distribution



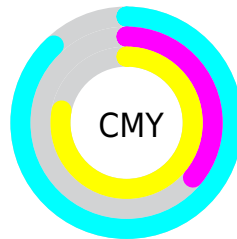
- Red (12%)
- Green (64%)
- Blue (22%)



- Red (12%)
- Yellow (56%)
- Blue (64%)



- Cyan (81%)
- Magenta (0%)
- Yellow (66%)
- Black (36%)



- Cyan (88%)
- Magenta (36%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FA437 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 1FA437 by changing the saturation by 10% instead.



 1FA437

 1FA437

FFFFFF

 00891C

 65DC6B

 006F00

 83F985

 005500

 A0FFA0

 003C00

 BEFFBC

 002600

 DBFFD8

 000000

 F9FFF5

 1FA437

 1FA437

 0FA42A

 2FA444

 00A41E

 40A452

 50A45F

 61A46D

 71A47A

 81A488

 92A495

 A2A4A3

 B3A4B0

# Harmonies

## Analogous

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



809800



1FA437



00AA79

# Triad

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



1FA437



009BFF



FD4D65

# Complementary

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



1FA437



A41F8C

# 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.



F54BA4



1FA437



6186FF

# Square

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



1FA437



00A7F1



C767DF



E66929

# Rectangle

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



1FA437



00ABA5



C767DF



FE4879



# Sweetspot

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



1FA437



A3D6AC



8EA41F



4C6B52



EBEBEB



6B6B6B



# Same Dimension

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



1FA437



06D62C



1FA478



49524B



00911A



001203



# Inverse Universe

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



A41F8C



D606B1



A41F4B



524950



910077



12000F



# Previews

## White Background



This preview shows how the Hex color 1FA437 looks on a white background.

## Color Contrast Check

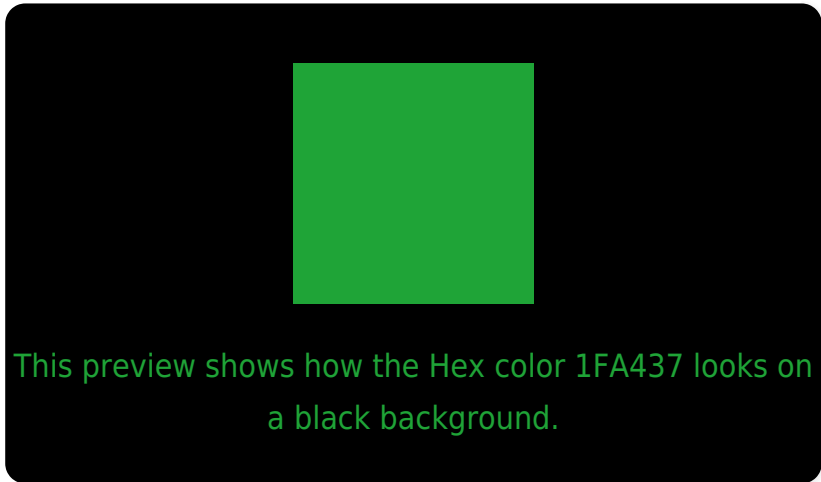
Large Text (above 18pt) WCAG AA ✓ Pass

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 1FA437 Background



This preview shows how black text looks on a background with the Hex color 1FA437.



This preview shows how white text looks on a background with the Hex color 1FA437.

# 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



**Original Color**  
1FA437

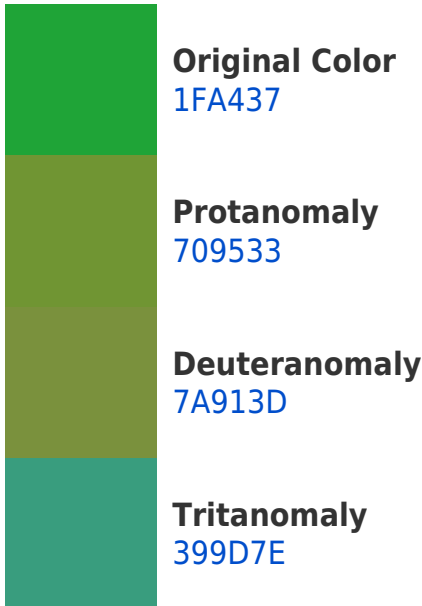
**Protanopia**  
9E8D31

**Deuteranopia**  
AE8641

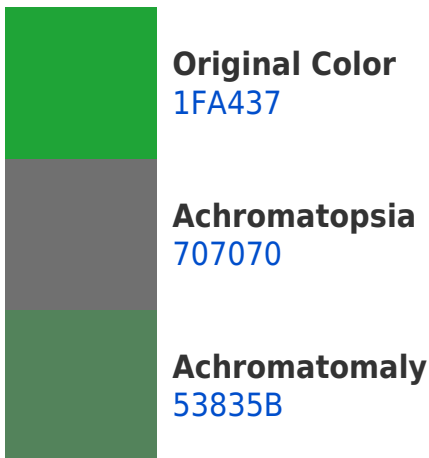


**Tritanopia**  
4899A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FA437 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 #1FA437 looks like.

```
.text, #text, p{  
    color:#1FA437  
}
```

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 #1FA437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FA437
}
```

## Border

The CSS property to change the border of an element to Hex 1FA437 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
#1FA437 }
```

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

```
.border{ border-color:#1FA437 }
```

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

Here you see how a box with a 4 pixel #1FA437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FA437; -webkit-box-shadow:4px 4px  
4px 4px #1FA437; box-shadow:4px 4px 4px  
4px #1FA437 }
```

# Background

The CSS property to change the background color of an element to Hex 1FA437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FA437 }
```

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

```
.background{ background-color:#1FA437 }
```

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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