

# Converting Colors

Hex(4FA33F)

Have a look what the booklet for  
Hex(4FA33F) contains.

<b>Hex(4FA33F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4FA33F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4FA33F
RGB	79, 163, 63
RGB Percent	31%, 64%, 25%
CMY	0.6902, 0.3608, 0.7529
CMYK	0.52, 0.00, 0.61, 0.36
HSL	110°, 44%, 44%
HSV	110°, 61%, 64%
XYZ	17.2188, 28.2155, 9.2412
YIQ	126.4840, -17.9640, -48.9080

# Conversions

## Conversions Part 2

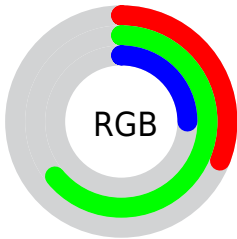
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 163, 147
Decimal	5219135
CIE Lab	60.08, -45.03, 43.28
CIE LCh	60, 62.458, 136.130
Yxy	28.2155, 0.3149, 0.5161
Android (android.graphics.Color)	4283409215 (0xFF4FA33F)
YUV	126.4840, -31.2976, -41.6435
Hunter-Lab	53.1183, -35.0944, 26.8678

# Details

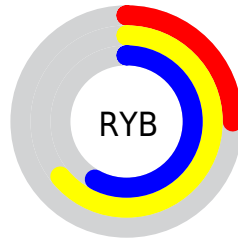
The Hex color **4FA33F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **933FA3**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **87DB72**, and **0B6E07** is the 20% darker color. If you saturate the color by 10%, you get **41A32F**, and if you desaturate by 10%, it is **5DA34F**.

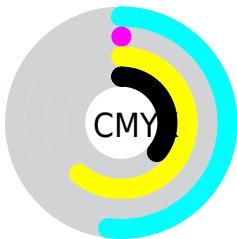
# Distribution



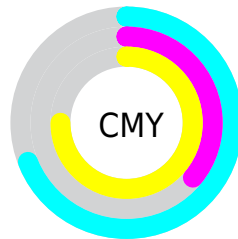
- Red (31%)
- Green (64%)
- Blue (25%)



- Red (25%)
- Yellow (64%)
- Blue (58%)



- Cyan (52%)
- Magenta (0%)
- Yellow (61%)
- Black (36%)



- Cyan (69%)
- Magenta (36%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FA33F 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 4FA33F by changing the saturation by 10% instead.





4FA33F



4FA33F

FFFFFF



328825



87DB72



0B6E07



A3F78D



005500



BFFFA8



003D00



DCFFC4



002800



FAFFE0



000100

FFFFFFD



000000



4FA33F



4FA33F



41A32F



5DA34F

■ 34A31E

■ 6AA360

■ 26A30E

■ 78A370

■ 1AA300

■ 86A380

■ 93A391

■ A1A3A1

■ AFA3B1

■ BDA3C1

■ CAA3D2

# Harmonies

## Analogous

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



909714



4FA33F



00A975

# Triad

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



4FA33F



009EFC



F45C75

# Complementary

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



4FA33F



933FA3

# 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.



E75FAD



4FA33F



5C8DFB

# Square

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



4FA33F



00A8DF



B975DE



E56E43

# Rectangle

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



4FA33F



00AB9B



B975DE



F35A88



# Sweetspot

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



4FA33F



B4D4AE



A3923F



576B54



EBEBEB



6B6B6B



# Same Dimension

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



4FA33F



50D437



3FA360



4B5249



179100



031200



# Inverse Universe

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



933FA3



BB37D4



A33F82



504952



7A0091



0F0012



# Previews

## White Background



This preview shows how the Hex color 4FA33F looks on a white background.

## Color Contrast Check

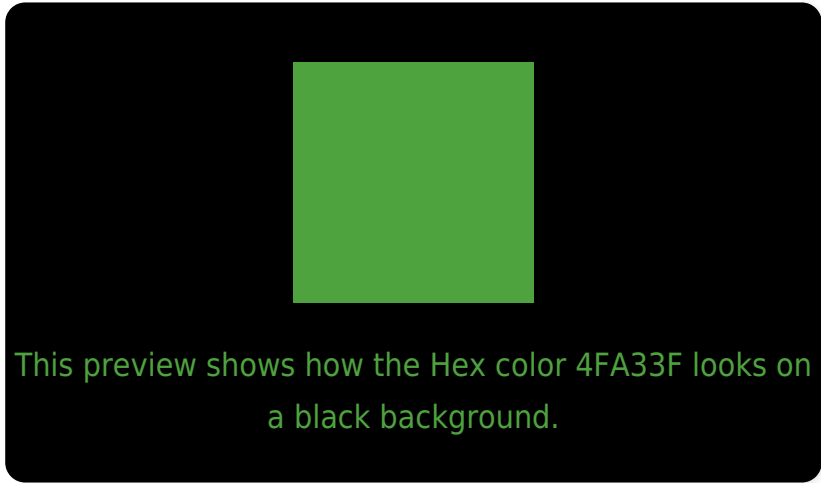
Large Text (above 18pt) WCAG AA ✓ Pass

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

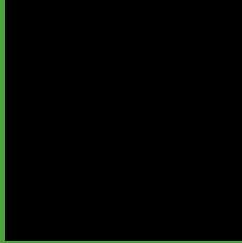
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4FA33F Background



This preview shows how black text looks on a background with the Hex color 4FA33F.

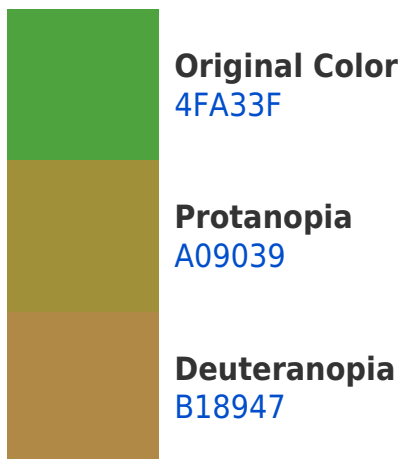


This preview shows how white text looks on a background with the Hex color 4FA33F.

# 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**  
6399A5

# Trichromacy



**Original Color**  
4FA33F

**Protanomaly**  
83973B

**Deuteranomaly**  
8D9244

**Tritanomaly**  
5C9D80

# Monochromacy



**Original Color**  
4FA33F

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
6D8B67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FA33F 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 #4FA33F looks like.

```
.text, #text, p{  
    color:#4FA33F  
}
```

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 #4FA33F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA33F
}
```

## Border

The CSS property to change the border of an element to Hex 4FA33F 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
#4FA33F }
```

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

```
.border{ border-color:#4FA33F }
```

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

Here you see how a box with a 4 pixel #4FA33F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA33F; -webkit-box-shadow:4px 4px  
4px 4px #4FA33F; box-shadow:4px 4px 4px  
4px #4FA33F }
```

# Background

The CSS property to change the background color of an element to Hex 4FA33F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA33F }
```

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

```
.background{ background-color:#4FA33F }
```

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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