

# Converting Colors

Hex(4FAA3C)

Have a look what the booklet for  
Hex(4FAA3C) contains.

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# Color

Hex(4FAA3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4FAA3C
RGB	79, 170, 60
RGB Percent	31%, 67%, 24%
CMY	0.6902, 0.3333, 0.7647
CMYK	0.54, 0.00, 0.65, 0.33
HSL	110°, 48%, 45%
HSV	110°, 65%, 67%
XYZ	18.4148, 30.7380, 9.2374
YIQ	130.2510, -18.9260, -53.5020

# Conversions

## Conversions Part 2

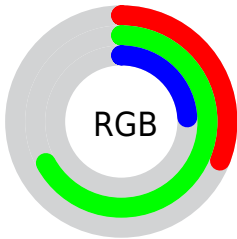
Format	Color
<a href="#">RYB</a>	<a href="#">60, 170, 151</a>
Decimal	<a href="#">5220924</a>
CIELab	<a href="#">62.29, -48.12, 47.09</a>
CIELCh	<a href="#">62, 67.330, 135.616</a>
Yxy	<a href="#">30.7380, 0.3154, 0.5264</a>
Android (android.graphics.Color)	<a href="#">4283411004</a> ( <a href="#">0xFF4FAA3C</a> )
YUV	<a href="#">130.2510, -34.6337, -44.9471</a>
Hunter-Lab	<a href="#">55.4418, -37.7351, 28.9307</a>

# Details

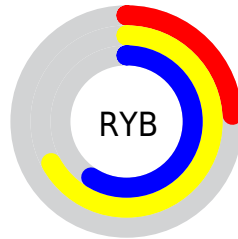
The Hex color **4FAA3C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **973CAA**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **88E270**, and **047500** is the 20% darker color. If you saturate the color by 10%, you get **41AA2B**, and if you desaturate by 10%, it is **5DAA4D**.

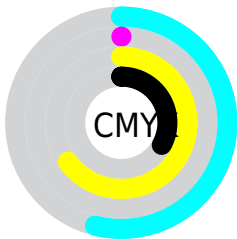
# Distribution



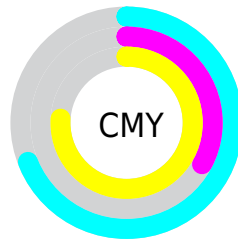
- Red (31%)
- Green (67%)
- Blue (24%)



- Red (24%)
- Yellow (67%)
- Blue (59%)



- Cyan (54%)
- Magenta (0%)
- Yellow (65%)
- Black (33%)



- Cyan (69%)
- Magenta (33%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FAA3C 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 4FAA3C by changing the saturation by 10% instead.



 4FAA3C

 4FAA3C

FFFFFF

 318F21

 88E270

 047500

 A4FF8B

 005B00

 C1FFA6

 004300

 DEFFC2

 002D00

 FCFFDE

 000F00

 FFFFFB

 000000

 4FAA3C

 4FAA3C

 41AA2B

 5DAA4D

■ 33AA1A

■ 6BAA5E

■ 25AA09

■ 79AA6F

■ 1DAA00

■ 87AA80

■ 95AA91

■ A3AAA2

■ B1AAB3

■ C0AAC4

■ CEAAD5

# Harmonies

## Analogous

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



969D02



4FAA3C



00B177

# Triad

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



4FAA3C



00A6FF



FF5C7A

# Complementary

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



4FAA3C



973CAA

# 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.



F35FB6



4FAA3C



5693FF

# Square

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



4FAA3C



00AFEB



C178EB



F27043

# Rectangle

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



4FAA3C



00B2A0



C178EB



FF5A8E



# Sweetspot

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



4FAA3C



BBDEB4



AA963C



5B7056



F0F0F0



707070



# Same Dimension

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



4FAA3C



4FDE31



3CAA5F



4D544C



1A9400



041400



# Inverse Universe

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



973CAA



C031DE



AA3C87



534C54



7A0094



110014



# Previews

## White Background



This preview shows how the Hex color 4FAA3C looks on a white background.

## Color Contrast Check

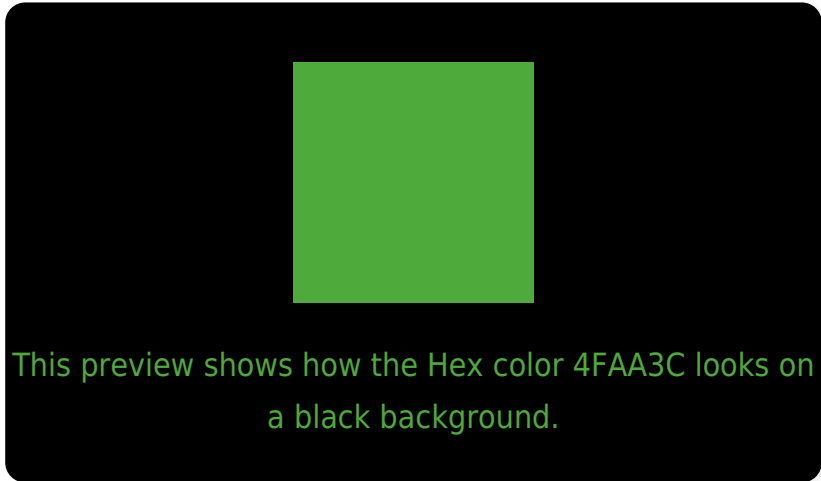
Large Text (above 18pt) WCAG AA × Fail

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 4FAA3C Background



This preview shows how black text looks on a background with the Hex color 4FAA3C.

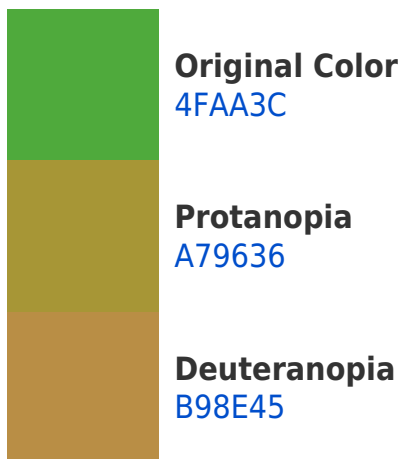


This preview shows how white text looks on a background with the Hex color 4FAA3C.

# Color Blindness Simulation

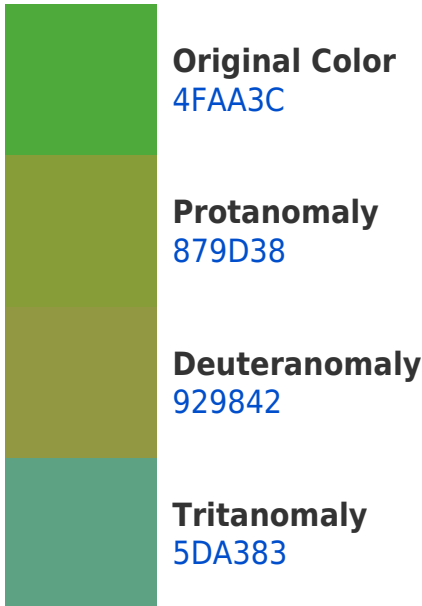
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

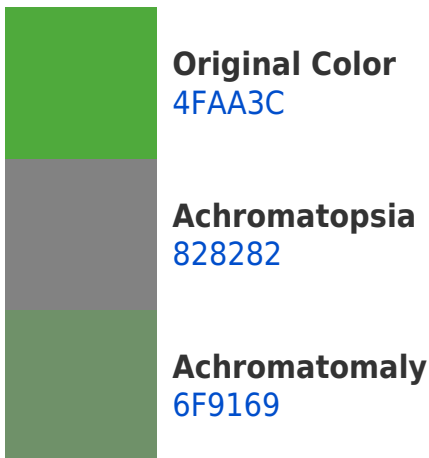




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FAA3C 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 #4FAA3C looks like.

```
.text, #text, p{  
    color:#4FAA3C  
}
```

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 #4FAA3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FAA3C  
}
```

## Border

The CSS property to change the border of an element to Hex 4FAA3C 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  
#4FAA3C }
```

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

```
.border{ border-color:#4FAA3C }
```

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

Here you see how a box with a 4 pixel #4FAA3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FAA3C; -webkit-box-shadow:4px 4px  
4px 4px #4FAA3C; box-shadow:4px 4px 4px  
4px #4FAA3C }
```

# Background

The CSS property to change the background color of an element to Hex 4FAA3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FAA3C }
```

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

```
.background{ background-color:#4FAA3C }
```

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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