

# Converting Colors

Hex(4EAA3F)

Have a look what the booklet for  
Hex(4EAA3F) contains.

<b>Hex(4EAA3F)</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(4EAA3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4EAA3F
RGB	78, 170, 63
RGB Percent	31%, 67%, 25%
CMY	0.6941, 0.3333, 0.7529
CMYK	0.54, 0.00, 0.63, 0.33
HSL	112°, 46%, 46%
HSV	112°, 63%, 67%
XYZ	18.4138, 30.7280, 9.6632
YIQ	130.2940, -20.4850, -52.7810

# Conversions

## Conversions Part 2

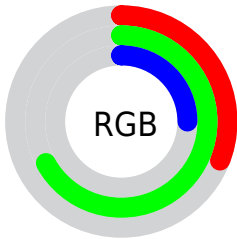
Format	Color
<a href="#">RYB</a>	<a href="#">63, 170, 155</a>
Decimal	<a href="#">5155391</a>
CIELab	<a href="#">62.28, -48.09, 45.75</a>
CIELCh	<a href="#">62, 66.373, 136.426</a>
Yxy	<a href="#">30.7280, 0.3131, 0.5225</a>
Android (android.graphics.Color)	<a href="#">4283345471 (0xFF4EAA3F)</a>
YUV	<a href="#">130.2940, -33.1759, -45.8618</a>
Hunter-Lab	<a href="#">55.4329, -37.7130, 28.4674</a>

# Details

The Hex color **4EAA3F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9B3FAA**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **87E273**, and **017504** is the 20% darker color. If you saturate the color by 10%, you get **3FAA2E**, and if you desaturate by 10%, it is **5DAA50**.

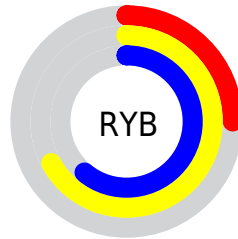
# Distribution



Red (31%)

Green (67%)

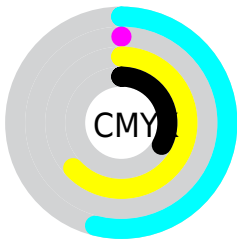
Blue (25%)



Red (25%)

Yellow (67%)

Blue (61%)

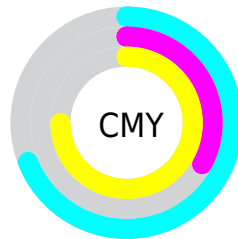


Cyan (54%)

Magenta (0%)

Yellow (63%)

Black (33%)



Cyan (69%)

Magenta (33%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EAA3F 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 4EAA3F by changing the saturation by 10% instead.





4EAA3F



4EAA3F

FFFFFF



308F25



87E273



017504



A3FF8D



005B00



C0FFA9



004300



D0FFC4



002D00



FBFFE1



000F00

FFFFFFE



000000



4EAA3F



4EAA3F



3FAA2E



5DAA50

■ 31AA1D

■ 6BAA61

■ 22AA0C

■ 7AAA72

■ 18AA00

■ 88AA83

■ 97AA94

■ A6AAA5

■ B4AAB6

■ C3AAC7

■ D2AAD8

# Harmonies

## Analogous

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



959E0A



4EAA3F



00B079

# Triad

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



4EAA3F



00A5FF



FF5D79

# Complementary

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



4EAA3F



9B3FAA

# 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.



F360B4



4EAA3F



5D92FF

# Square

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



4EAA3F



00AFEB



C278E8



F07143

# Rectangle

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



4EAA3F



00B2A2



C278E8



FF5B8C



# Sweetspot

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



4EAA3F



BADEB4



AA9A3F



5A7056



F0F0F0



707070



# Same Dimension

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



4EAA3F



4DDE35



3FAA64



4D544C



159400



031400



# Inverse Universe

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



9B3FAA



C635DE



AA3F85



534C54



7F0094



120014



# Previews

## White Background



This preview shows how the Hex color 4EAA3F looks on a white background.

## Color Contrast Check

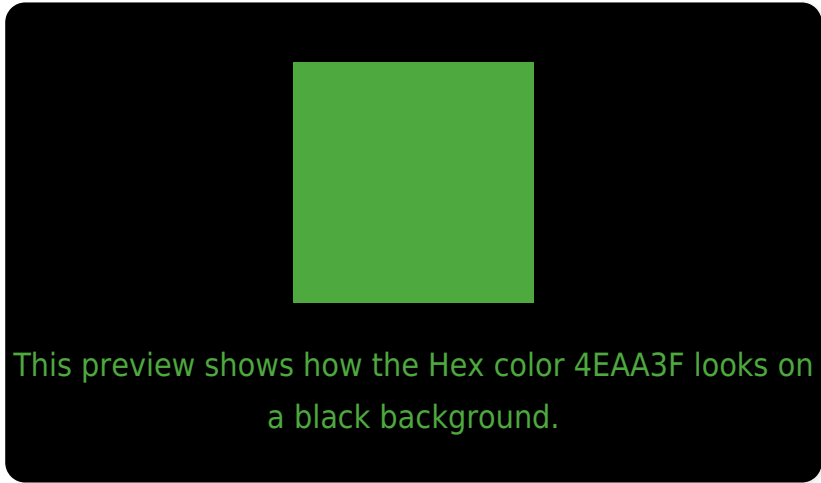
Large Text (above 18pt) WCAG AA × Fail

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 4EAA3F Background



This preview shows how black text looks on a background with the Hex color 4EAA3F.

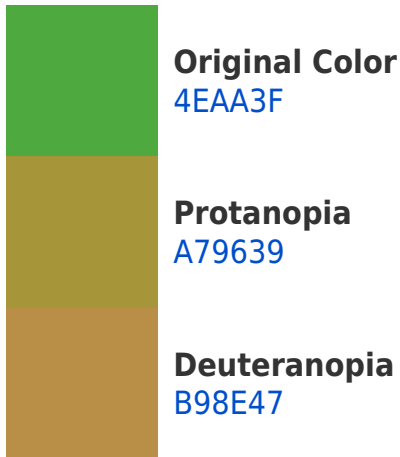


This preview shows how white text looks on a background with the Hex color 4EAA3F.

# Color Blindness Simulation

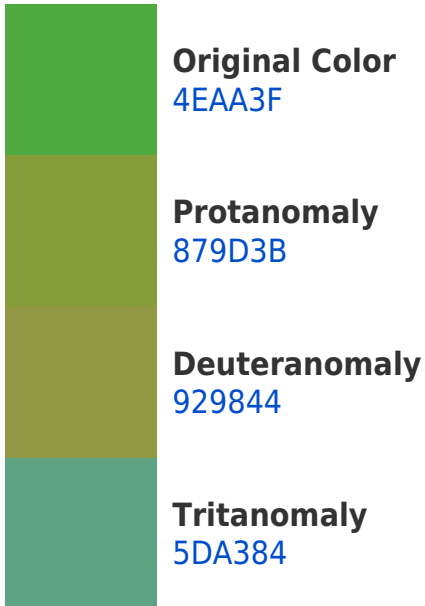
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

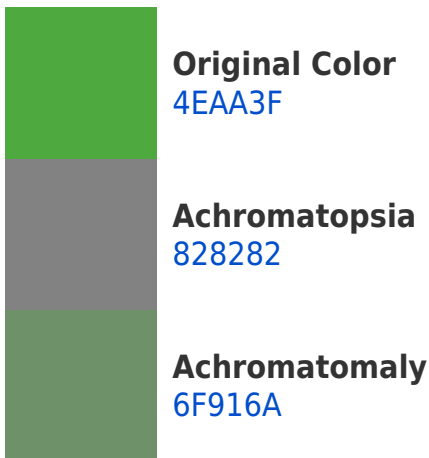




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EAA3F 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 #4EAA3F looks like.

```
.text, #text, p{  
    color:#4EAA3F  
}
```

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 #4EAA3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAA3F
}
```

## Border

The CSS property to change the border of an element to Hex 4EAA3F 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
#4EAA3F }
```

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

```
.border{ border-color:#4EAA3F }
```

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

Here you see how a box with a 4 pixel #4EAA3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAA3F; -webkit-box-shadow:4px 4px  
4px 4px #4EAA3F; box-shadow:4px 4px 4px  
4px #4EAA3F }
```

# Background

The CSS property to change the background color of an element to Hex 4EAA3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAA3F }
```

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

```
.background{ background-color:#4EAA3F }
```

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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