

# Converting Colors

Hex(4AAB39)

Have a look what the booklet for  
Hex(4AAB39) contains.

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# **Color**

**Hex(4AAB39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AAB39
RGB	74, 171, 57
RGB Percent	29%, 67%, 22%
CMY	0.7098, 0.3294, 0.7765
CMYK	0.57, 0.00, 0.67, 0.33
HSL	111°, 50%, 45%
HSV	111°, 67%, 67%
XYZ	18.1255, 30.8771, 8.8755
YIQ	129.0010, -21.2180, -56.0180

# Conversions

## Conversions Part 2

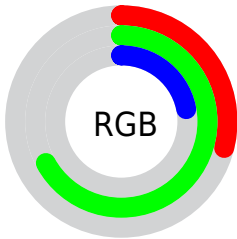
Format	Color
<a href="#">RYB</a>	<a href="#">57, 171, 154</a>
Decimal	<a href="#">4893497</a>
CIELab	<a href="#">62.40, -50.15, 48.46</a>
CIELCh	<a href="#">62, 69.739, 135.981</a>
Yxy	<a href="#">30.8771, 0.3132, 0.5335</a>
Android (android.graphics.Color)	<a href="#">4283083577 (0xFF4AAB39)</a>
YUV	<a href="#">129.0010, -35.4965, -48.2359</a>
Hunter-Lab	<a href="#">55.5671, -39.0175, 29.4269</a>

# Details

The Hex color **4AAB39** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9A39AB**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **84E36D**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **3BAB28**, and if you desaturate by 10%, it is **59AB4A**.

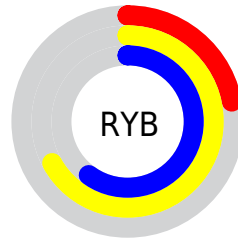
# Distribution



Red (29%)

Green (67%)

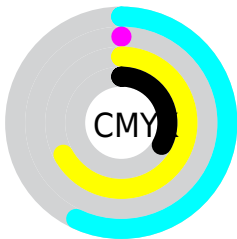
Blue (22%)



Red (22%)

Yellow (67%)

Blue (60%)

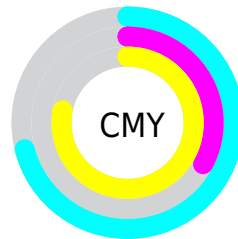


Cyan (57%)

Magenta (0%)

Yellow (67%)

Black (33%)



Cyan (71%)

Magenta (33%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AAB39 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 4AAB39 by changing the saturation by 10% instead.





4AAB39



4AAB39

FFFFFF



2A901D



84E36D



007600



A0FF88



005C00



BDFFA3



004300



DBFFBF



002D00



F8FFDB



001000



FFFFFF9



000000



4AAB39



4AAB39



3BAB28



59AB4A

 2DAB17

 67AB5B

 1EAB06

 76AB6C

 19AB00

 84AB7D

 93AB8F

 A1ABA0

 B0ABB1

 BEABC2

 CDABD3

# Harmonies

## Analogous

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



959E00



4AAB39



00B277

# Triad

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



4AAB39



00A6FF



FF5879

# Complementary

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



4AAB39



9A39AB

# 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.



F75CB7



4AAB39



5393FF

# Square

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



4AAB39



00B0EF



C377EE



F46F3F

# Rectangle

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



4AAB39



00B3A2



C377EE



FF568D



# Sweetspot

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



4AAB39



B8DEB1



AB9A39



597055



F0F0F0



707070



# Same Dimension

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



4AAB39



47DE2C



39AB61



4F574E



169600



031700



# Inverse Universe

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



9A39AB



C32CDE



AB3983



554E57



800096



140017



# Previews

## White Background



This preview shows how the Hex color 4AAB39 looks on a white background.

## Color Contrast Check

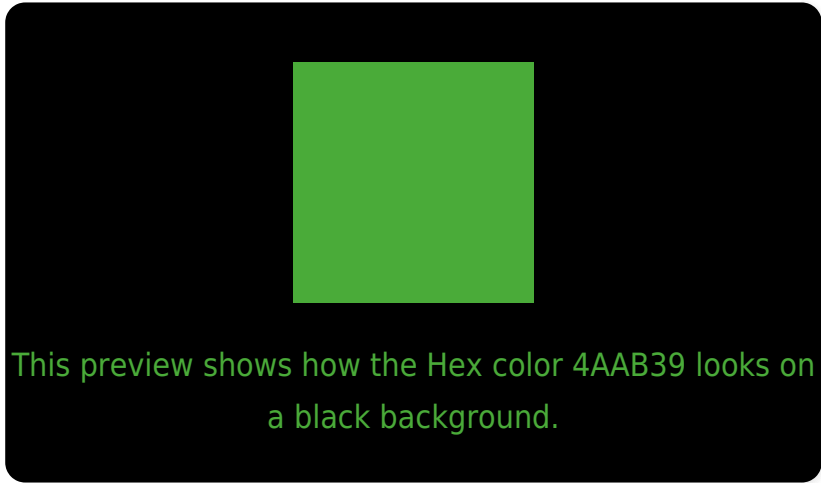
Large Text (above 18pt) WCAG AA × Fail

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

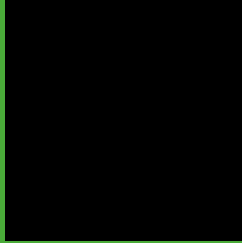
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AAB39 Background



This preview shows how black text looks on a background with the Hex color 4AAB39.

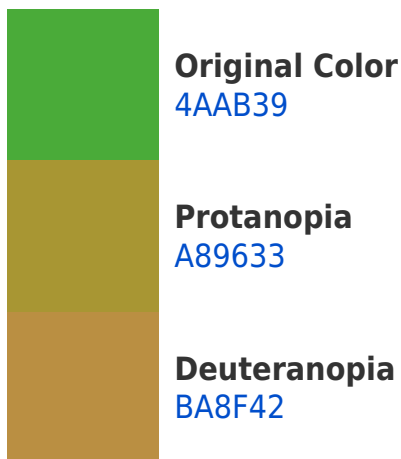


This preview shows how white text looks on a background with the Hex color 4AAB39.

# 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](#).

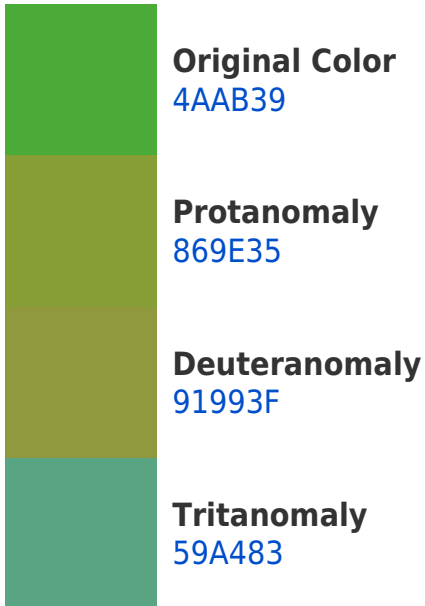
## Dichromacy



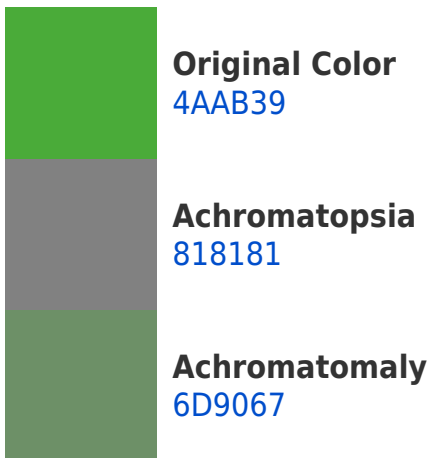


**Tritanopia**  
62A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AAB39 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 #4AAB39 looks like.

```
.text, #text, p{  
    color:#4AAB39  
}
```

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 #4AAB39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AAB39
}
```

## Border

The CSS property to change the border of an element to Hex 4AAB39 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
#4AAB39 }
```

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

```
.border{ border-color:#4AAB39 }
```

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

Here you see how a box with a 4 pixel #4AAB39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AAB39; -webkit-box-shadow:4px 4px  
4px 4px #4AAB39; box-shadow:4px 4px 4px  
4px #4AAB39 }
```

# Background

The CSS property to change the background color of an element to Hex 4AAB39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AAB39 }
```

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

```
.background{ background-color:#4AAB39 }
```

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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