

Converting Colors

Hex(4EAB3C)

Have a look what the booklet for
Hex(4EAB3C) contains.

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Color

Hex(4EAB3C)

Conversions

Conversions Part 1

Format	Color
Hex	4EAB3C
RGB	78, 171, 60
RGB Percent	31%, 67%, 24%
CMY	0.6941, 0.3294, 0.7647
CMYK	0.54, 0.00, 0.65, 0.33
HSL	110°, 48%, 45%
HSV	110°, 65%, 67%
XYZ	18.5204, 31.0718, 9.2963
YIQ	130.5390, -19.7970, -54.2370

Conversions

Conversions Part 2

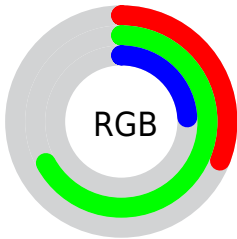
Format	Color
RYB	60, 171, 153
Decimal	5155644
CIELab	62.57, -48.78, 47.40
CIELCh	63, 68.016, 135.827
Yxy	31.0718, 0.3145, 0.5276
Android (android.graphics.Color)	4283345724 (0xFF4EAB3C)
YUV	130.5390, -34.7757, -46.0767
Hunter-Lab	55.7421, -38.2416, 29.1314

Details

The Hex color **4EAB3C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **993CAB**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **87E370**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **40AB2B**, and if you desaturate by 10%, it is **5CAB4D**.

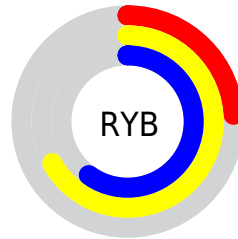
Distribution



Red (31%)

Green (67%)

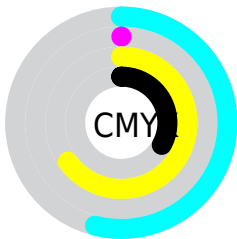
Blue (24%)



Red (24%)

Yellow (67%)

Blue (60%)

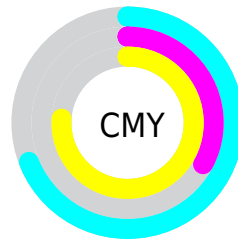


Cyan (54%)

Magenta (0%)

Yellow (65%)

Black (33%)



Cyan (69%)

Magenta (33%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EAB3C 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 4EAB3C by changing the saturation by 10% instead.

 4EAB3C

 4EAB3C

FFFFFF

 2F9021

 87E370

 007600

 A4FF8B

 005C00

 C0FFA6

 004400

 DEFFC2

 002D00

 FBFFDE

 001000

 FFFFFB

 000000

 4EAB3C

 4EAB3C

 40AB2B

 5CAB4D

 31AB1A

 6BAB5E

 23AB09

 79AB6F

 1CAB00

 87AB80

 96AB91

 A4ABA3

 B2ABB4

 C1ABC5

 CFABD6

Harmonies

Analogous

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



979E00



4EAB3C



00B278

Triad

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



4EAB3C



00A6FF



FF5B7A

Complementary

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



4EAB3C



993CAB

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.



F55FB7



4EAB3C



5793FF

Square

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



4EAB3C



00B0ED



C278EC



F37042

Rectangle

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



4EAB3C



00B3A2



C278EC



FF598E

Sweetspot

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



4EAB3C



BBDEB4



AB983C



5B7056



F0F0F0



707070

Same Dimension

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



4EAB3C



4DDE31



3CAB61



4F574E



189600



041700

Inverse Universe

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



993CAB



C231DE



AB3C86



554E57



7E0096



130017

Previews

White Background



This preview shows how the Hex color 4EAB3C looks on a white background.

Color Contrast Check

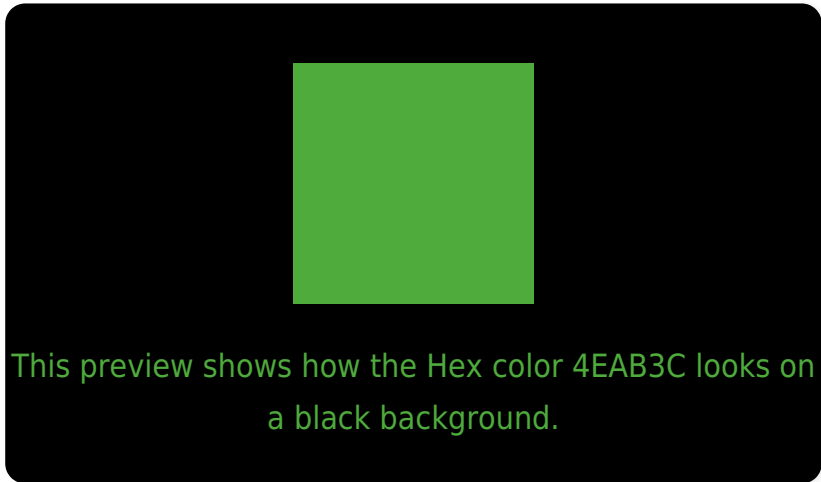
Large Text (above 18pt) WCAG AA × Fail

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

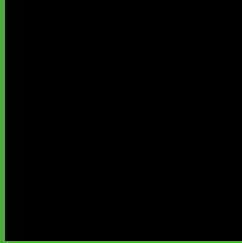
Any Text WCAG AA ✓ Pass

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 4EAB3C Background



This preview shows how black text looks on a background with the Hex color 4EAB3C.



This preview shows how white text looks on a background with the Hex color 4EAB3C.

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
4EAB3C

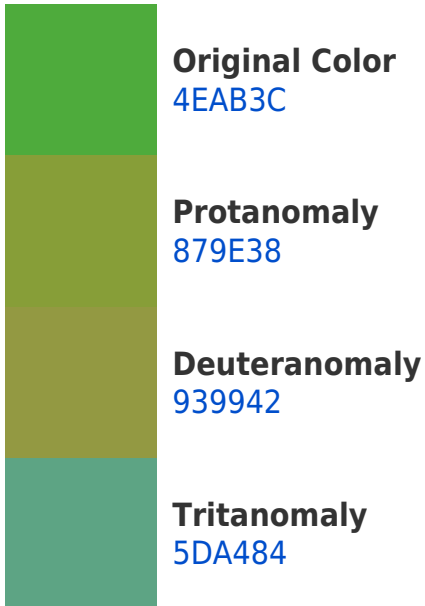
Protanopia
A89736

Deuteranopia
BA8F45

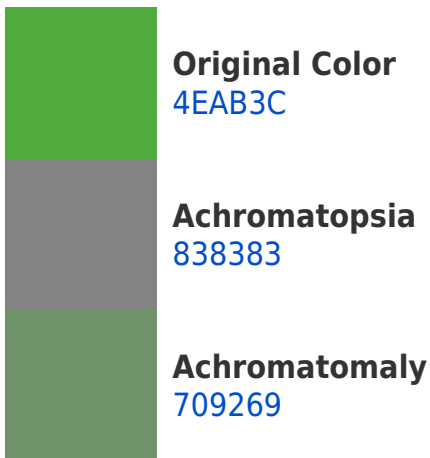


Tritanopia
65A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EAB3C 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 #4EAB3C looks like.

```
.text, #text, p{  
    color:#4EAB3C  
}
```

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 #4EAB3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAB3C
}
```

Border

The CSS property to change the border of an element to Hex 4EAB3C 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
#4EAB3C }
```

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

```
.border{ border-color:#4EAB3C }
```

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

Here you see how a box with a 4 pixel #4EAB3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAB3C; -webkit-box-shadow:4px 4px  
4px 4px #4EAB3C; box-shadow:4px 4px 4px  
4px #4EAB3C }
```

Background

The CSS property to change the background color of an element to Hex 4EAB3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAB3C }
```

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

```
.background{ background-color:#4EAB3C }
```

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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