

Converting Colors

Hex(4EAF1C)

Have a look what the booklet for
Hex(4EAF1C) contains.

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Color

Hex(4EAF1C)

Conversions

Conversions Part 1

Format	Color
Hex	4EAF1C
RGB	78, 175, 28
RGB Percent	31%, 69%, 11%
CMY	0.6941, 0.3137, 0.8902
CMYK	0.55, 0.00, 0.84, 0.31
HSL	100°, 72%, 40%
HSV	100°, 84%, 69%
XYZ	18.6815, 32.3635, 6.3608
YIQ	129.2390, -10.6250, -66.2810

Conversions

Conversions Part 2

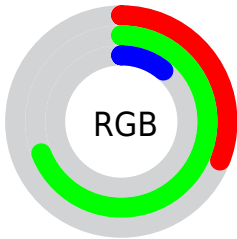
Format	Color
RYB	28, 175, 125
Decimal	5156636
CIELab	63.64, -52.57, 59.71
CIELCh	64, 79.558, 131.364
Yxy	32.3635, 0.3254, 0.5638
Android (android.graphics.Color)	4283346716 (0xFF4EAF1C)
YUV	129.2390, -49.9108, -44.9366
Hunter-Lab	56.8889, -40.9389, 33.1930

Details

The Hex color **4EAF1C** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7D1CAF**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **89E757**, and **007900** is the 20% darker color. If you saturate the color by 10%, you get **42AF0B**, and if you desaturate by 10%, it is **5AAF2E**.

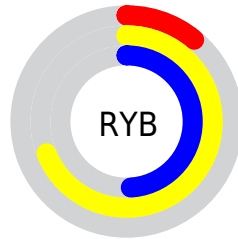
Distribution



Red (31%)

Green (69%)

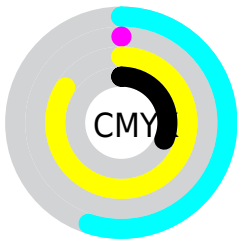
Blue (11%)



Red (11%)

Yellow (69%)

Blue (49%)

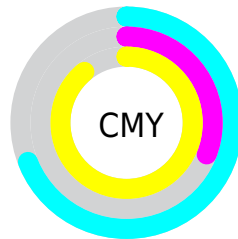


Cyan (55%)

Magenta (0%)

Yellow (84%)

Black (31%)



Cyan (69%)

Magenta (31%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EAF1C 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 4EAF1C by changing the saturation by 10% instead.

 4EAF1C

 4EAF1C

FFFFFF

 2D9400

 89E757

 007900

 A6FF73

 006000

 C3FF8E

 004700

 E1FFAA

 003000

 FFFFC7

 001500

 FFFF E3

 000000

 4EAF1C

 4EAF1C

 42AF0B

 5AAF2E

■ 3CAF00

■ 65AF3F

■ 71AF51

■ 7CAF62

■ 88AF73

■ 93AF85

■ 9FAF97

■ AAAFA8

■ B6AFBA

Harmonies

Analogous

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



A1A000



4EAF1C



00B76A

Triad

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



4EAF1C



00AEFF



FF4982

Complementary

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



4EAF1C



7D1CAF

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.



FF55C9



4EAF1C



009AFF

Square

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



4EAF1C



00B8F7



BE7AFF



FF643F

Rectangle

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



4EAF1C



00B99B



BE7AFF



FF489A

Sweetspot

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



4EAF1C



BEE3AA



AF7C1C



5C7350



F2F2F2



737373

Same Dimension

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



4EAF1C



4DE300



1CAF32



51574E



339600



081700

Inverse Universe

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



7D1CAF



9600E3



AF1C99



544E57



630096



0F0017

Previews

White Background



This preview shows how the Hex color 4EAF1C looks on a white background.

Color Contrast Check

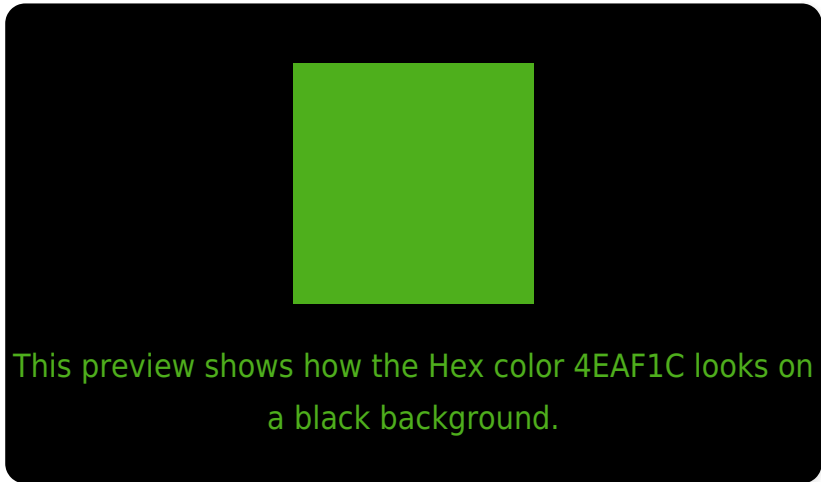
Large Text (above 18pt) WCAG AA × Fail

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 4EAF1C Background



This preview shows how black text looks on a background with the Hex color 4EAF1C.

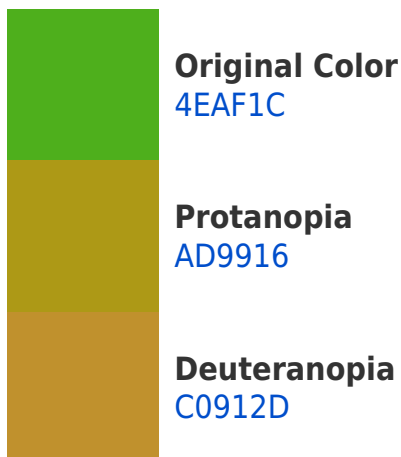


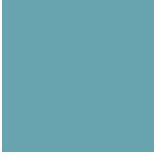
This preview shows how white text looks on a background with the Hex color 4EAF1C.

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](#).

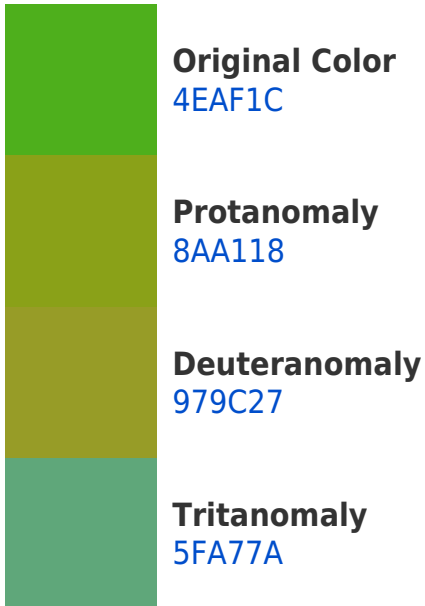
Dichromacy



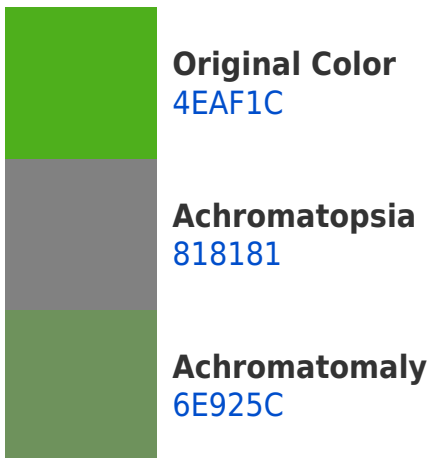


Tritanopia
68A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EAF1C 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 #4EAF1C looks like.

```
.text, #text, p{  
    color:#4EAF1C  
}
```

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 #4EAF1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAF1C
}
```

Border

The CSS property to change the border of an element to Hex 4EAF1C 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".

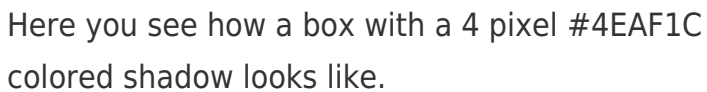
```
.border, #border, table{ border:4px solid
#4EAF1C }
```

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

```
.border{ border-color:#4EAF1C }
```

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

Here you see how a box with a 4 pixel #4EAF1C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset, 4px blur, and 4px spread, colored #4EAF1C.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAF1C; -webkit-box-shadow:4px 4px  
4px 4px #4EAF1C; box-shadow:4px 4px 4px  
4px #4EAF1C }
```

Background

The CSS property to change the background color of an element to Hex 4EAF1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAF1C }
```

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

```
.background{ background-color:#4EAF1C }
```

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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