

# Converting Colors

Hex(4EB21E)

Have a look what the booklet for  
Hex(4EB21E) contains.

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# Color

Hex(4EB21E)

# Conversions

## Conversions Part 1

Format	Color
Hex	4EB21E
RGB	78, 178, 30
RGB Percent	31%, 70%, 12%
CMY	0.6941, 0.3020, 0.8824
CMYK	0.56, 0.00, 0.83, 0.30
HSL	101°, 71%, 41%
HSV	101°, 83%, 70%
XYZ	19.2966, 33.5542, 6.6879
YIQ	131.2280, -12.0920, -67.2280

# Conversions

## Conversions Part 2

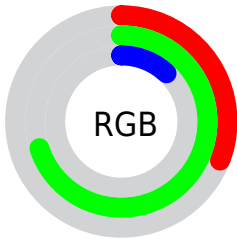
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 178, 130
Decimal	5157406
CIELab	64.61, -53.58, 60.07
CIELCh	65, 80.489, 131.732
Yxy	33.5542, 0.3241, 0.5636
Android (android.graphics.Color)	4283347486 (0xFF4EB21E)
YUV	131.2280, -49.9054, -46.6810
Hunter-Lab	57.9260, -41.9076, 33.7029

# Details

The Hex color **4EB21E** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **821EB2**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **89EB59**, and **007C00** is the 20% darker color. If you saturate the color by 10%, you get **42B20C**, and if you desaturate by 10%, it is **5AB230**.

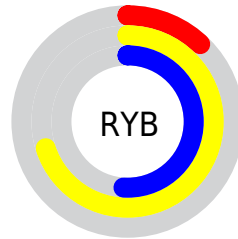
# Distribution



Red (31%)

Green (70%)

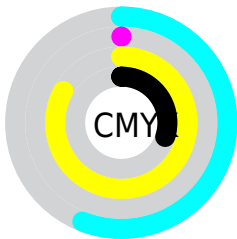
Blue (12%)



Red (12%)

Yellow (70%)

Blue (51%)

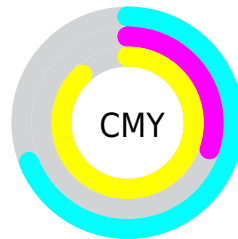


Cyan (56%)

Magenta (0%)

Yellow (83%)

Black (30%)



Cyan (69%)

Magenta (30%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EB21E 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 4EB21E by changing the saturation by 10% instead.



 4EB21E

 4EB21E

FFFFFF

 2D9700

 89EB59

 007C00

 A6FF74

 006200

 C4FF90

 004900

 E2FFAC

 003200

 FFFFC8

 001900

 FFFF E5

 000000

 4EB21E

 4EB21E

 42B20C

 5AB230

 3AB200

 66B242

 72B253

 7EB265

 8AB277

 96B289

 A2B29B

 AEB2AC

 BAB2BE

# Harmonies

## Analogous

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



A2A200



4EB21E



00BA6D

# Triad

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



4EB21E



00B1FF



FF4A84

# Complementary

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



4EB21E



821EB2

# 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.



FF56CC



4EB21E



009CFF

# Square

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



4EB21E



00BBFB



C27BFF



FF673F

# Rectangle

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



4EB21E



00BC9F



C27BFF



FF499C



# Sweetspot

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



4EB21E



C1E8AE



B2811E



5E7552



F5F5F5



757575



# Same Dimension

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



4EB21E



4BE800



1EB237



535950



329900



081A00



# Inverse Universe

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



821EB2



9D00E8



B21E99



565059



670099



11001A



# Previews

## White Background



This preview shows how the Hex color 4EB21E looks on a white background.

## Color Contrast Check

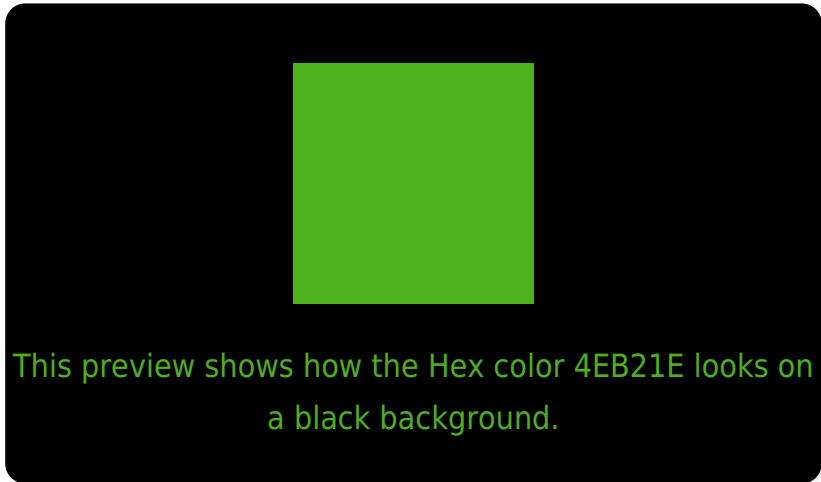
Large Text (above 18pt) WCAG AA × Fail

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 4EB21E Background



This preview shows how black text looks on a background with the Hex color 4EB21E.

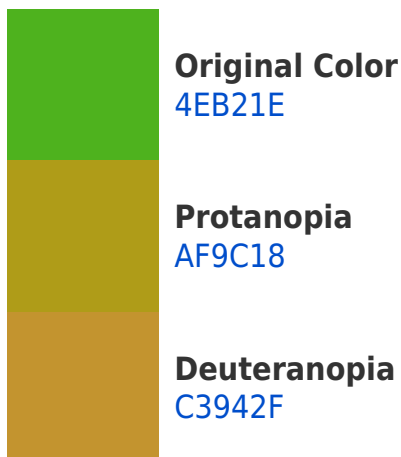


This preview shows how white text looks on a background with the Hex color 4EB21E.

# 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](#).

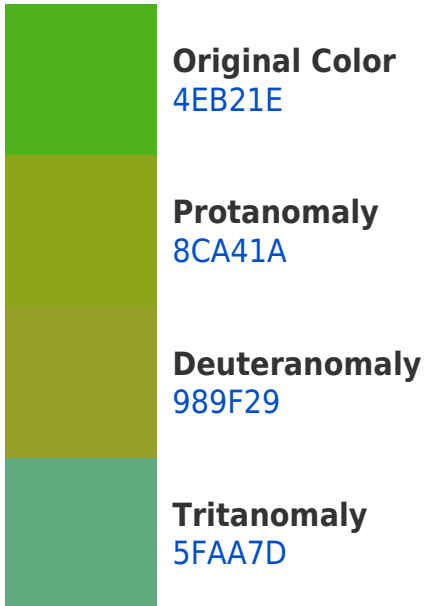
## Dichromacy





**Tritanopia**  
68A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EB21E 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 #4EB21E looks like.

```
.text, #text, p{  
    color:#4EB21E  
}
```

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 #4EB21E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB21E
}
```

## Border

The CSS property to change the border of an element to Hex 4EB21E 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
#4EB21E }
```

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

```
.border{ border-color:#4EB21E }
```

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

Here you see how a box with a 4 pixel #4EB21E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB21E; -webkit-box-shadow:4px 4px  
4px 4px #4EB21E; box-shadow:4px 4px 4px  
4px #4EB21E }
```

# Background

The CSS property to change the background color of an element to Hex 4EB21E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB21E }
```

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

```
.background{ background-color:#4EB21E }
```

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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