

Converting Colors

Hex(4BEF1E)

Have a look what the booklet for
Hex(4BEF1E) contains.

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Color

Hex(4BEF1E)

Conversions

Conversions Part 1

Format	Color
Hex	4BEF1E
RGB	75, 239, 30
RGB Percent	29%, 94%, 12%
CMY	0.7059, 0.0627, 0.8824
CMYK	0.69, 0.00, 0.87, 0.06
HSL	107°, 87%, 53%
HSV	107°, 87%, 94%
XYZ	34.0025, 63.3226, 11.6587
YIQ	166.1380, -30.6550, -99.7670

Conversions

Conversions Part 2

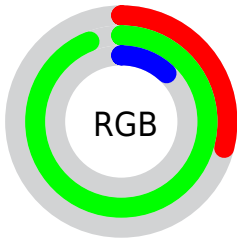
Format	Color
RYB	30, 239, 194
Decimal	4976414
CIELab	83.61, -74.42, 76.77
CIELCh	84, 106.920, 134.107
Yxy	63.3226, 0.3120, 0.5810
Android (android.graphics.Color)	4283166494 (0xFF4BEF1E)
YUV	166.1380, -67.1160, -79.9280
Hunter-Lab	79.5755, -62.9843, 47.0162

Details

The Hex color **4BEF1E** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **C21EEF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **91FF63**, and **00B500** is the 20% darker color. If you saturate the color by 10%, you get **38EF06**, and if you desaturate by 10%, it is **5EEF36**.

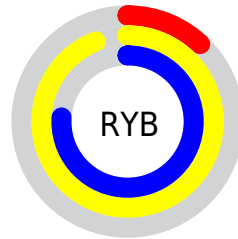
Distribution



Red (29%)

Green (94%)

Blue (12%)



Red (12%)

Yellow (94%)

Blue (76%)

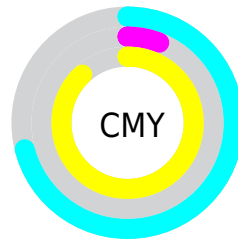


Cyan (69%)

Magenta (0%)

Yellow (87%)

Black (6%)



Cyan (71%)

Magenta (6%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BEF1E 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 4BEF1E by changing the saturation by 10% instead.

 4BEF1E

 4BEF1E


FFFFFF

 13D200

 91FF63

 00B500

 B1FF80

 009A00

 D1FF9E

 007E00

 F0FFBB

 006400

 FFFFD8

 004A00

 FFFFF6

 003100

 001500

 000000

 4BEF1E

 4BEF1E

 38EF06

 5EEF36

 33EF00

 71EF4E

 83EF66

 96EF7E

 A9EF95

 BCEFAD

 CEEFC5

 E1EFDD

 F4EFF5

Harmonies

Analogous

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



CFDB00



4BEF1E



00F995

Triad

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



4BEF1E



00EBFF



FF54A6

Complementary

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



4BEF1E



C21EEF

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.



FF62FF



4BEF1E



00CDFF

Square

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



4BEF1E



00F9FF



FF9CFF



FF8644

Rectangle

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



4BEF1E



00FCDC



FF9CFF



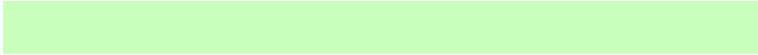
FF4FC7

Sweetspot

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



4BEF1E



CBFFBD



EFC21E



608058



000000



808080

Same Dimension

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



4BEF1E



37FF00



1EEF59



6E786C



28B800



0C3800

Inverse Universe

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



C21EEF



C800FF



EF1EB4



756C78



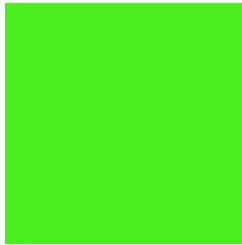
9000B8



2C0038

Previews

White Background



This preview shows how the Hex color 4BEF1E 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



This preview shows how the Hex color 4BEF1E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

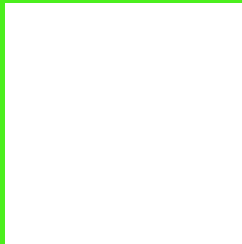
Any Text WCAG AAA ✓ Pass

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

Hex 4BEF1E Background



This preview shows how black text looks on a background with the Hex color 4BEF1E.

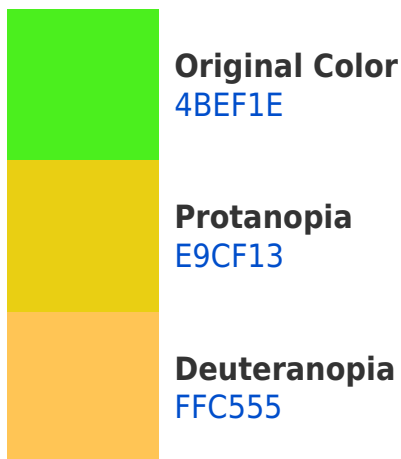


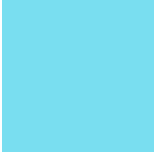
This preview shows how white text looks on a background with the Hex color 4BEF1E.

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](#).

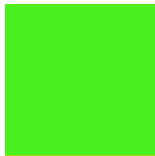
Dichromacy





Tritanopia
79DEF0

Trichromacy



Original Color
4BEF1E



Protanomaly
B0DB17

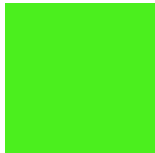


Deuteranomaly
BED441

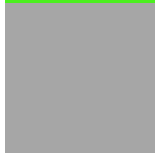


Tritanomaly
68E4A4

Monochromacy



Original Color
4BEF1E



Achromatopsia
A6A6A6



Achromatomaly
85C175

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BEF1E 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 #4BEF1E looks like.

```
.text, #text, p{  
    color:#4BEF1E  
}
```

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 #4BEF1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BEF1E
}
```

Border

The CSS property to change the border of an element to Hex 4BEF1E 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
#4BEF1E }
```

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

```
.border{ border-color:#4BEF1E }
```

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

Here you see how a box with a 4 pixel #4BEF1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BEF1E; -webkit-box-shadow:4px 4px  
4px 4px #4BEF1E; box-shadow:4px 4px 4px  
4px #4BEF1E }
```

Background

The CSS property to change the background color of an element to Hex 4BEF1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BEF1E }
```

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

```
.background{ background-color:#4BEF1E }
```

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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