

Converting Colors

Hex(4FEF43)

Have a look what the booklet for
Hex(4FEF43) contains.

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Color

Hex(4FEF43)

Conversions

Conversions Part 1

Format	Color
Hex	4FEF43
RGB	79, 239, 67
RGB Percent	31%, 94%, 26%
CMY	0.6902, 0.0627, 0.7373
CMYK	0.67, 0.00, 0.72, 0.06
HSL	116°, 84%, 60%
HSV	116°, 72%, 94%
XYZ	35.1041, 63.8005, 15.7747
YIQ	171.5520, -40.1480, -87.4120

Conversions

Conversions Part 2

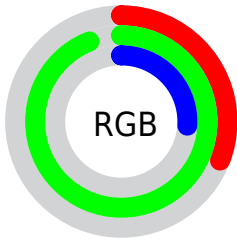
Format	Color
RYB	67, 239, 227
Decimal	5238595
CIELab	83.86, -71.70, 67.13
CIELCh	84, 98.224, 136.885
Yxy	63.8005, 0.3061, 0.5563
Android (android.graphics.Color)	4283428675 (0xFF4FEF43)
YUV	171.5520, -51.5441, -81.1681
Hunter-Lab	79.8752, -61.3333, 44.2033

Details

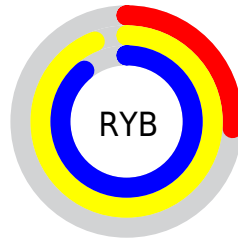
The Hex color **4FEF43** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **E343EF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **93FF7C**, and **00B600** is the 20% darker color. If you saturate the color by 10%, you get **39EF2B**, and if you desaturate by 10%, it is **65EF5B**.

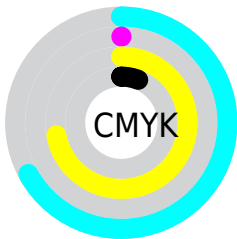
Distribution



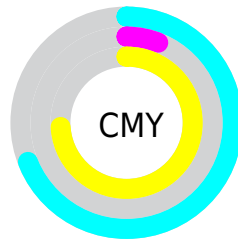
- Red (31%)
- Green (94%)
- Blue (26%)



- Red (26%)
- Yellow (94%)
- Blue (89%)



- Cyan (67%)
- Magenta (0%)
- Yellow (72%)
- Black (6%)



- Cyan (69%)
- Magenta (6%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FEF43 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 4FEF43 by changing the saturation by 10% instead.

 4FEF43

 4FEF43


FFFFFF

 20D222

 93FF7C

 00B600

 B2FF99

 009A00

 D1FFB5

 007E00

 F1FFD2

 006400

 FFFFF0

 004A00

 003200

 001600

 000000

 4FEF43


 4FEF43

 39EF2B

 65EF5B

 23EF13

 7BEF73

 11EF00

 92EF8B

 A8EFA3

 BEEFBA

 D4EFD2

 EBEFEA

 FFEFFF

Harmonies

Analogous

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



C9DD00



4FEF43



00F8A4

Triad

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



4FEF43



00E8FF



FF6CA1

Complementary

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



4FEF43



E343EF

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.



FF71FE



4FEF43



62CAFF

Square

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



4FEF43



00F6FF



FF9EFF



FF944A

Rectangle

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



4FEF43



00FAE5



FF9EFF



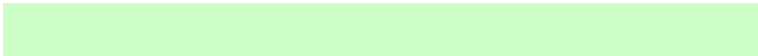
FF67C0

Sweetspot

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



4FEF43



CBFFC7



EFE143



61805E



000000



808080

Same Dimension

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



4FEF43



33FF24



43EF8B



6D786C



0DB800



043800

Inverse Universe

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



E343EF



F024FF



EF43A7



776C78



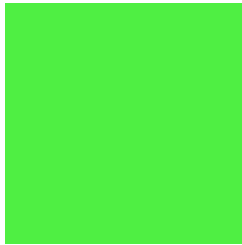
AB00B8



340038

Previews

White Background



This preview shows how the Hex color 4FEF43 looks on a white background.

Color Contrast Check

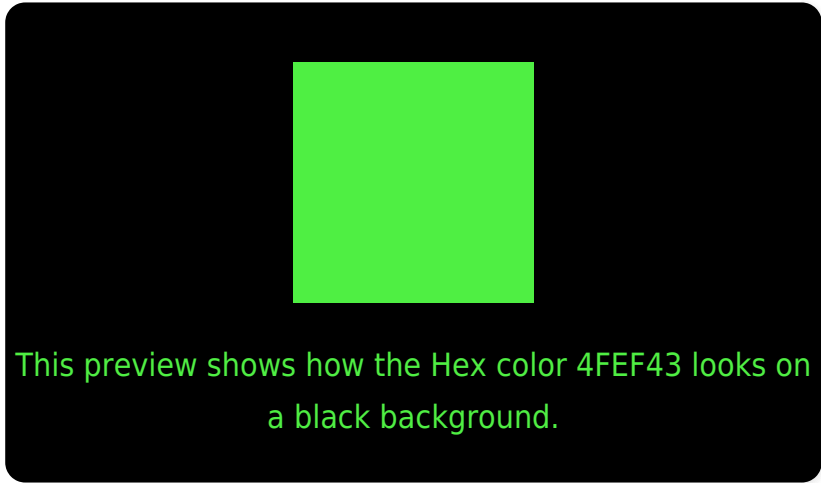
Large Text (above 18pt) WCAG AA × Fail

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

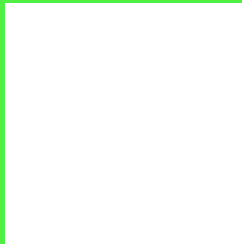
Any Text WCAG AAA ✓ Pass

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

Hex 4FEF43 Background



This preview shows how black text looks on a background with the Hex color 4FEF43.

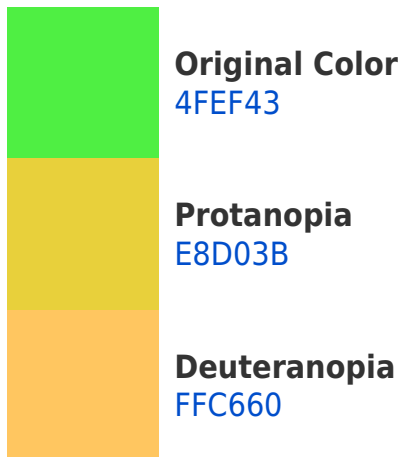


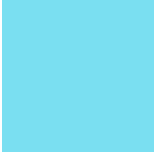
This preview shows how white text looks on a background with the Hex color 4FEF43.

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](#).

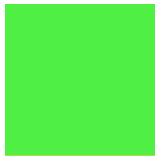
Dichromacy





Tritanopia
7ADFF1

Trichromacy



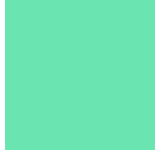
Original Color
4FEF43



Protanomaly
B0DB3E



Deuteranomaly
BFD555

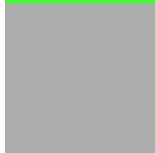


Tritanomaly
6AE5B2

Monochromacy



Original Color
4FEF43



Achromatopsia
ACACAC



Achromatomaly
8AC486

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FEF43 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 #4FEF43 looks like.

```
.text, #text, p{  
    color:#4FEF43  
}
```

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 #4FEF43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FEF43
}
```

Border

The CSS property to change the border of an element to Hex 4FEF43 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
#4FEF43 }
```

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

```
.border{ border-color:#4FEF43 }
```

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

Here you see how a box with a 4 pixel #4FEF43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FEF43; -webkit-box-shadow:4px 4px  
4px 4px #4FEF43; box-shadow:4px 4px 4px  
4px #4FEF43 }
```

Background

The CSS property to change the background color of an element to Hex 4FEF43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FEF43 }
```

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

```
.background{ background-color:#4FEF43 }
```

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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