

Converting Colors

Hex(67EF43)

Have a look what the booklet for
Hex(67EF43) contains.

Hex(67EF43)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(67EF43)

Conversions

Conversions Part 1

Format	Color
Hex	67EF43
RGB	103, 239, 67
RGB Percent	40%, 94%, 26%
CMY	0.5961, 0.0627, 0.7373
CMYK	0.57, 0.00, 0.72, 0.06
HSL	107°, 84%, 60%
HSV	107°, 72%, 94%
XYZ	37.4731, 65.0218, 15.8856
YIQ	178.7280, -25.8440, -82.3240

Conversions

Conversions Part 2

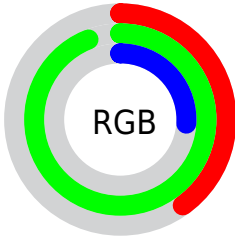
Format	Color
RYB	67, 239, 203
Decimal	6811459
CIELab	84.49, -66.54, 67.98
CIElCh	84, 95.122, 134.385
Yxy	65.0218, 0.3165, 0.5493
Android (android.graphics.Color)	4285001539 (0xFF67EF43)
YUV	178.7280, -55.0819, -66.4135
Hunter-Lab	80.6361, -58.1608, 44.7649

Details

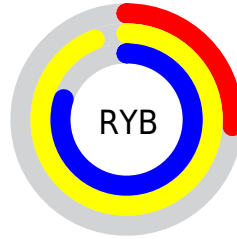
The Hex color **67EF43** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **CB43EF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A6FF7D**, and **11B600** is the 20% darker color. If you saturate the color by 10%, you get **54EF2B**, and if you desaturate by 10%, it is **7AEF5B**.

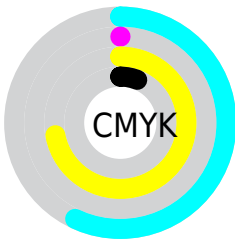
Distribution



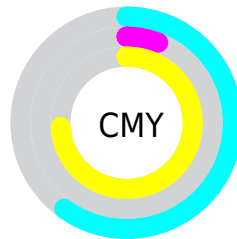
- Red (40%)
- Green (94%)
- Blue (26%)



- Red (26%)
- Yellow (94%)
- Blue (80%)



- Cyan (57%)
- Magenta (0%)
- Yellow (72%)
- Black (6%)



- Cyan (60%)
- Magenta (6%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67EF43 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 67EF43 by changing the saturation by 10% instead.

 67EF43

 67EF43

FFFFFF

 44D222

 A6FF7D

 11B600

 C4FF99

 009A00

 E3FFB6

 007F00

 FFFFD3

 006500

 FFFFF0

 004B00

 003400

 001800

 000000

 67EF43

 67EF43

 54EF2B

 7AEF5B

 41EF13

 8DEF73

 32EF00

 A0EF8B

 B3EFA3

 C5EFBA

 D8EFD2

 EBEFEA

 FEEFFF

 FFEFFF

Harmonies

Analogous

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



D4DC00



67EF43



00F99F

Triad

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



67EF43



00EAFB



FF73AC

Complementary

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



67EF43



CB43EF

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.



FF7BFF



67EF43



50CFFF

Square

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



67EF43



00F8FF



FFA6FF



FF9557

Rectangle

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



67EF43



00FBDE



FFA6FF



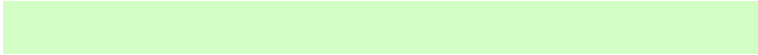
FF70CA

Sweetspot

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



67EF43



D3FFC7



EFCA43



65805E



000000



808080

Same Dimension

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



67EF43



52FF24



43EF74



6E786C



26B800



0C3800

Inverse Universe

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



CB43EF



D124FF



EF43BE



756C78



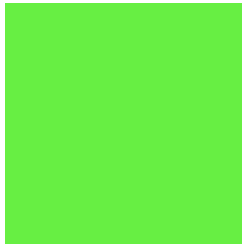
9100B8



2C0038

Previews

White Background



This preview shows how the Hex color 67EF43 looks on a white background.

Color Contrast Check

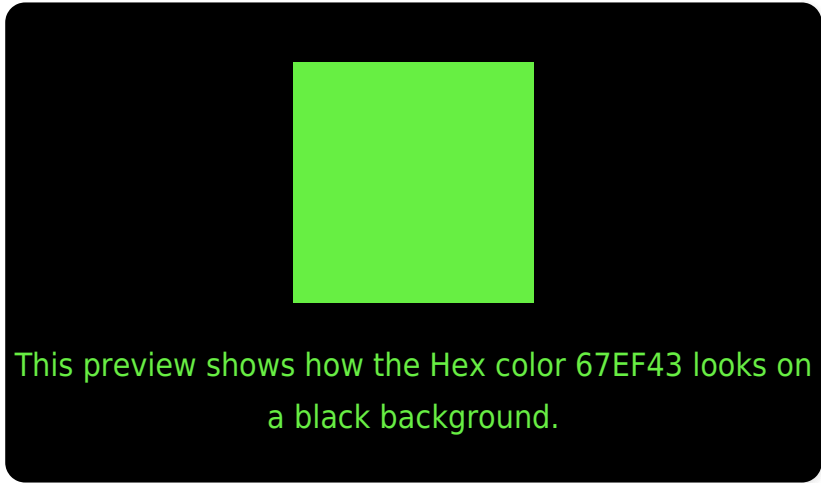
Large Text (above 18pt) WCAG AA × Fail

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

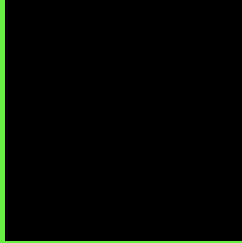
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

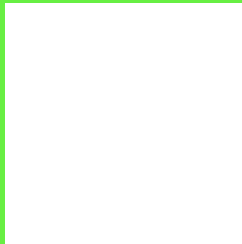
Any Text WCAG AAA ✓ Pass

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

Hex 67EF43 Background



This preview shows how black text looks on a background with the Hex color 67EF43.

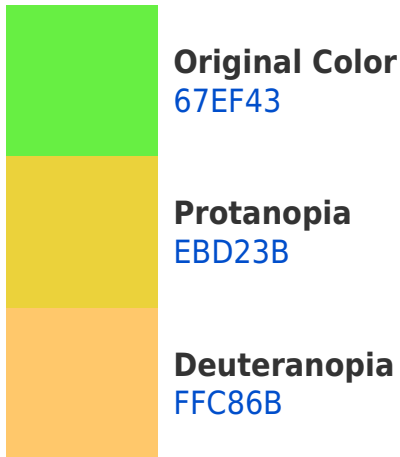


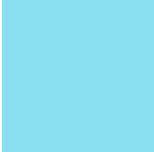
This preview shows how white text looks on a background with the Hex color 67EF43.

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](#).

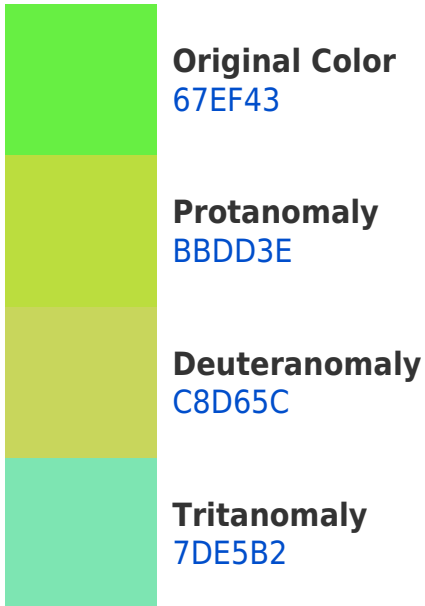
Dichromacy



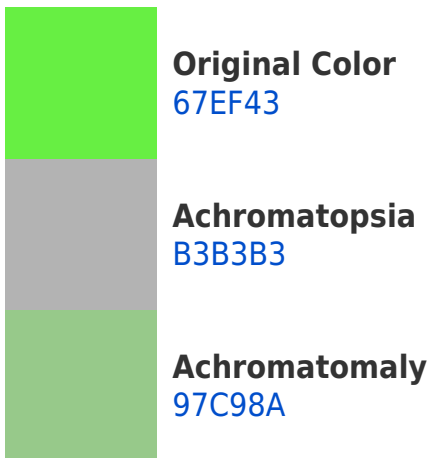


Tritanopia
8ADFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67EF43 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 #67EF43 looks like.

```
.text, #text, p{  
    color:#67EF43  
}
```

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 #67EF43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67EF43
}
```

Border

The CSS property to change the border of an element to Hex 67EF43 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
#67EF43 }
```

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

```
.border{ border-color:#67EF43 }
```

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

Here you see how a box with a 4 pixel #67EF43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67EF43; -webkit-box-shadow:4px 4px  
4px 4px #67EF43; box-shadow:4px 4px 4px  
4px #67EF43 }
```

Background

The CSS property to change the background color of an element to Hex 67EF43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67EF43 }
```

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

```
.background{ background-color:#67EF43 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor