

Converting Colors

Hex(65F43E)

Have a look what the booklet for
Hex(65F43E) contains.

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Color

Hex(65F43E)

Conversions

Conversions Part 1

Format	Color
Hex	65F43E
RGB	101, 244, 62
RGB Percent	40%, 96%, 24%
CMY	0.6039, 0.0431, 0.7569
CMYK	0.59, 0.00, 0.75, 0.04
HSL	107°, 89%, 60%
HSV	107°, 75%, 96%
XYZ	38.5870, 67.8159, 15.6135
YIQ	180.4950, -26.8060, -86.9180

Conversions

Conversions Part 2

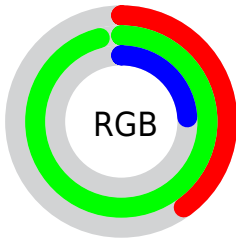
Format	Color
RYB	62, 244, 205
Decimal	6681662
CIELab	85.91, -69.06, 71.03
CIELCh	86, 99.067, 134.192
Yxy	67.8159, 0.3162, 0.5558
Android (android.graphics.Color)	4284871742 (0xFF65F43E)
YUV	180.4950, -58.4180, -69.7171
Hunter-Lab	82.3504, -60.4732, 46.4040

Details

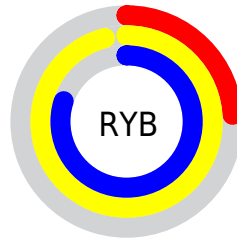
The Hex color **65F43E** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **CD3EF4**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A5FF79**, and **00BA00** is the 20% darker color. If you saturate the color by 10%, you get **52F426**, and if you desaturate by 10%, it is **78F456**.

Distribution



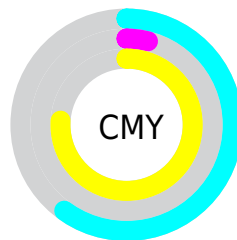
- Red (40%)
- Green (96%)
- Blue (24%)



- Red (24%)
- Yellow (96%)
- Blue (80%)



- Cyan (59%)
- Magenta (0%)
- Yellow (75%)
- Black (4%)



- Cyan (60%)
- Magenta (4%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65F43E 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 65F43E by changing the saturation by 10% instead.

 65F43E

 65F43E


FFFFFF

 41D719

 A5FF79

 00BA00

 C4FF96

 009F00

 E3FFB2

 008300

 FFFFD0

 006900

 FFFFED

 004F00

 003800

 001D00

 000000

 65F43E

 65F43E

 52F426

 78F456

 3FF40D

 8BF46F

 34F400

 9FF487

 B2F4A0

 C5F4B8

 D8F4D0

 EBF4E9

 FEF4FF

 FFF4FF

Harmonies

Analogous

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



D8E000



65F43E



00FEA0

Triad

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



65F43E



00F0FF



FF70AF

Complementary

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



65F43E



CD3EF4

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.



FF7AFF



65F43E



3FD3FF

Square

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



65F43E



00FEFF



FFA8FF



FF9556

Rectangle

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



65F43E



00FFE2



FFA8FF



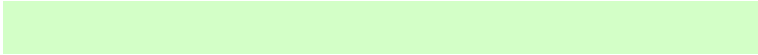
FF6CCE

Sweetspot

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



65F43E



D3FFC7



F4CD3E



65805E



000000



808080

Same Dimension

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



65F43E



4BFF19



3EF472



717A6E



28BA00



0D3B00

Inverse Universe

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



CD3EF4



CE19FF



F43EC0



786E7A



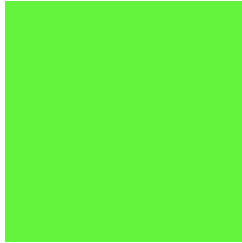
9200BA



2E003B

Previews

White Background



This preview shows how the Hex color 65F43E looks on a white background.

Color Contrast Check

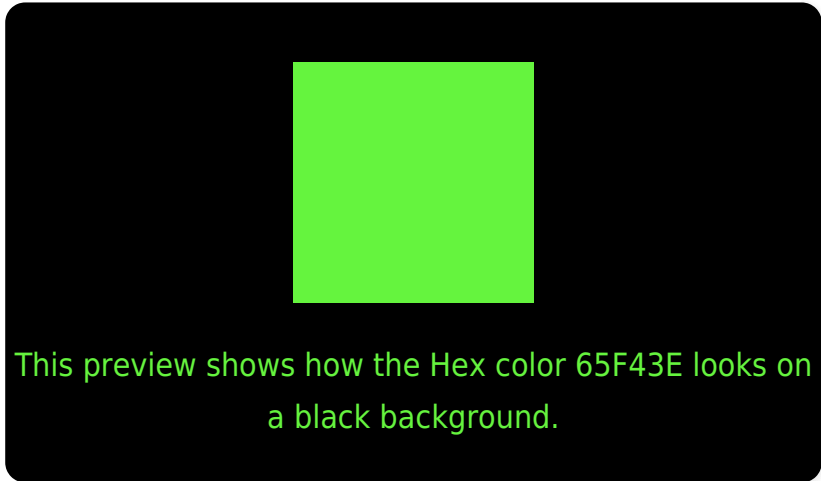
Large Text (above 18pt) WCAG AA × Fail

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

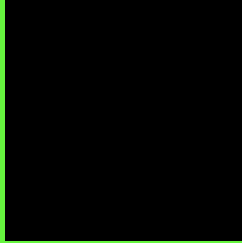
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

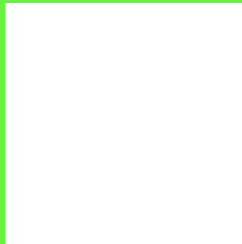
Any Text WCAG AAA ✓ Pass

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

Hex 65F43E Background



This preview shows how black text looks on a background with the Hex color 65F43E.

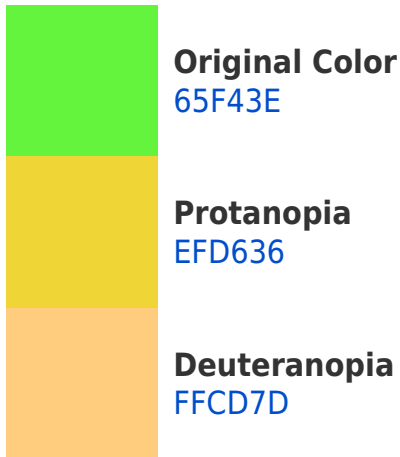


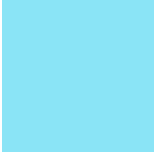
This preview shows how white text looks on a background with the Hex color 65F43E.

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](#).

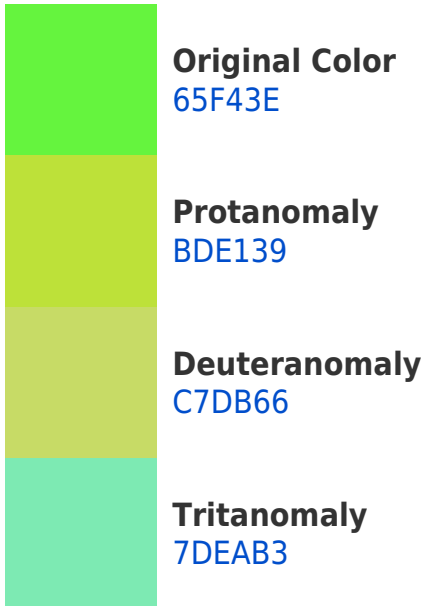
Dichromacy



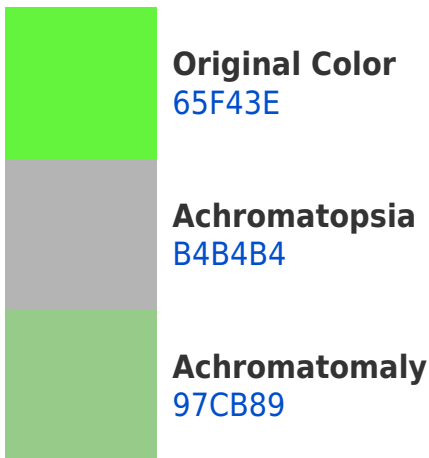


Tritanopia
8AE4F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65F43E 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 #65F43E looks like.

```
.text, #text, p{  
    color:#65F43E  
}
```

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 #65F43E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65F43E
}
```

Border

The CSS property to change the border of an element to Hex 65F43E 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
#65F43E }
```

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

```
.border{ border-color:#65F43E }
```

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

Here you see how a box with a 4 pixel #65F43E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65F43E; -webkit-box-shadow:4px 4px  
4px 4px #65F43E; box-shadow:4px 4px 4px  
4px #65F43E }
```

Background

The CSS property to change the background color of an element to Hex 65F43E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65F43E }
```

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

```
.background{ background-color:#65F43E }
```

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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