

# Converting Colors

Hex(65F43A)

Have a look what the booklet for  
Hex(65F43A) contains.

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# Color

Hex(65F43A)

# Conversions

## Conversions Part 1

Format	Color
Hex	65F43A
RGB	101, 244, 58
RGB Percent	40%, 96%, 23%
CMY	0.6039, 0.0431, 0.7725
CMYK	0.59, 0.00, 0.76, 0.04
HSL	106°, 89%, 59%
HSV	106°, 76%, 96%
XYZ	38.4812, 67.7736, 15.0564
YIQ	180.0390, -25.5220, -88.1620

# Conversions

## Conversions Part 2

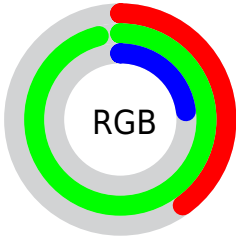
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 244, 201
Decimal	6681658
CIELab	85.89, -69.30, 72.25
CIELCh	86, 100.119, 133.806
Yxy	67.7736, 0.3172, 0.5587
Android (android.graphics.Color)	4284871738 (0xFF65F43A)
YUV	180.0390, -60.1652, -69.3172
Hunter-Lab	82.3247, -60.6315, 46.7837

# Details

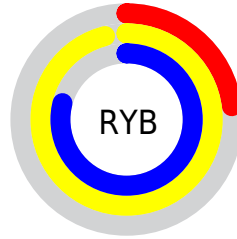
The Hex color **65F43A** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **C93AF4**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A5FF76**, and **00BA00** is the 20% darker color. If you saturate the color by 10%, you get **52F422**, and if you desaturate by 10%, it is **78F452**.

# Distribution



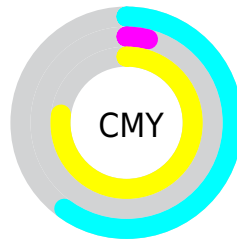
- Red (40%)
- Green (96%)
- Blue (23%)



- Red (23%)
- Yellow (96%)
- Blue (79%)



- Cyan (59%)
- Magenta (0%)
- Yellow (76%)
- Black (4%)



- Cyan (60%)
- Magenta (4%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65F43A 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 65F43A by changing the saturation by 10% instead.



 65F43A

 65F43A


FFFFFF

 41D711

 A5FF76

 00BA00

 C4FF93

 009F00

 E3FFAF

 008300

 FFFFCD

 006900

 FFFFEA

 004F00

 003800

 001D00

 000000

 65F43A

 65F43A

 52F422

 78F452

 3FF409

 8BF46B

 38F400

 9DF483

 B0F49C

 C3F4B4

 D6F4CC

 E8F4E5

 FBF4FD

 FFF4FF

# Harmonies

## Analogous

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



D9E000



65F43A



00FE9E

# Triad

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



65F43A



00F0FF



FF6DAF

# Complementary

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



65F43A



C93AF4

# 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.



FF78FF



65F43A



2DD3FF

# Square

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



65F43A



00FEFF



FFA7FF



FF9355

# Rectangle

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



65F43A



00FFE1



FFA7FF



FF6ACF

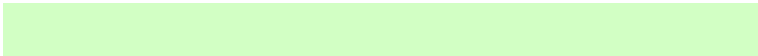


# Sweetspot

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



65F43A



D2FFC4



F4C93A



64805C



000000



808080



# Same Dimension

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



65F43A



4DFF17



3AF46C



717A6E



2BBA00



0E3B00



# Inverse Universe

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



C93AF4



C917FF



F43AC2



786E7A



8F00BA

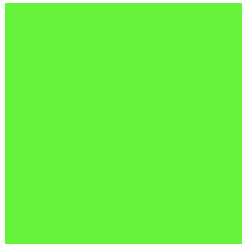


2D003B



# Previews

## White Background



This preview shows how the Hex color 65F43A looks on a white background.

## Color Contrast Check

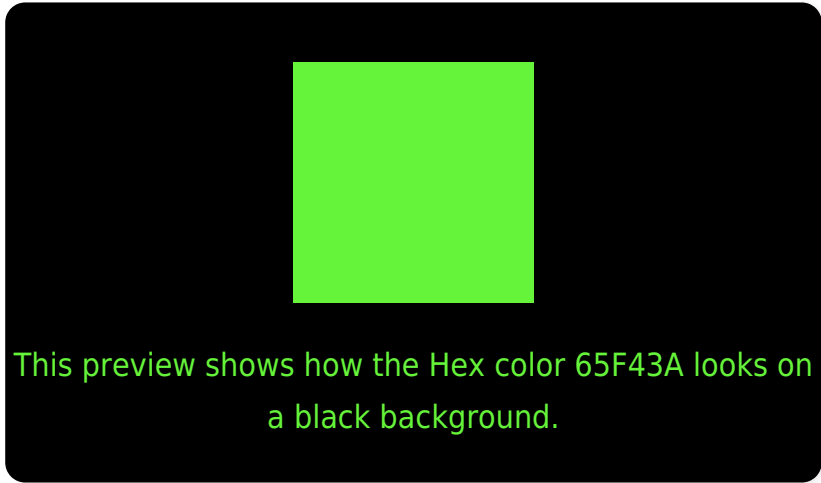
Large Text (above 18pt) WCAG AA × Fail

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

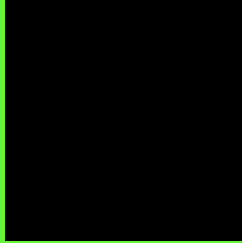
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65F43A Background



This preview shows how black text looks on a background with the Hex color 65F43A.

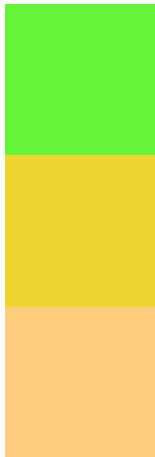


This preview shows how white text looks on a background with the Hex color 65F43A.

# 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](#).

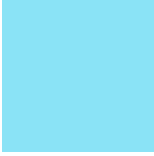
## Dichromacy



**Original Color**  
65F43A

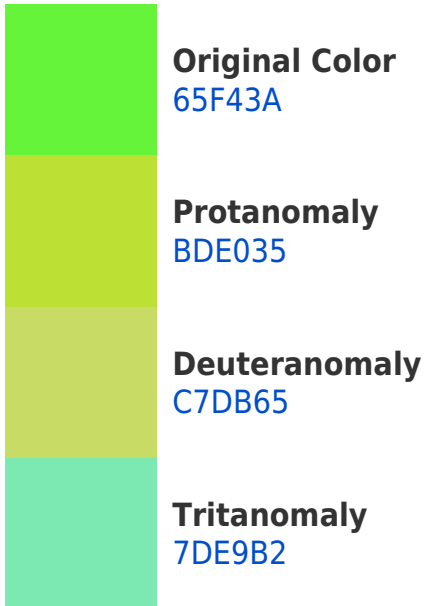
**Protanopia**  
EFD532

**Deuteranopia**  
FFCD7D

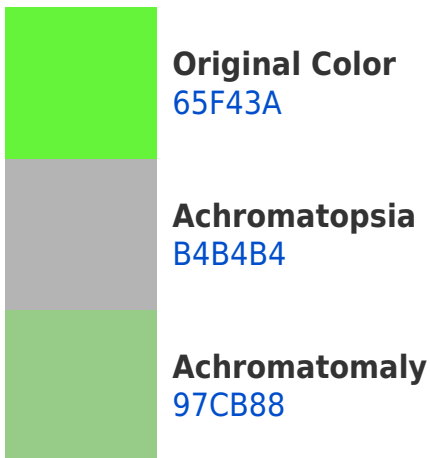


**Tritanopia**  
8AE3F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65F43A 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 #65F43A looks like.

```
.text, #text, p{  
    color:#65F43A  
}
```

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 #65F43A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65F43A
}
```

## Border

The CSS property to change the border of an element to Hex 65F43A 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
#65F43A }
```

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

```
.border{ border-color:#65F43A }
```

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

Here you see how a box with a 4 pixel #65F43A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65F43A; -webkit-box-shadow:4px 4px  
4px 4px #65F43A; box-shadow:4px 4px 4px  
4px #65F43A }
```

# Background

The CSS property to change the background color of an element to Hex 65F43A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65F43A }
```

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

```
.background{ background-color:#65F43A }
```

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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