

# Converting Colors

Hex(F4F845)

Have a look what the booklet for  
Hex(F4F845) contains.

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**Color**

**Hex(F4F845)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4F845
RGB	244, 248, 69
RGB Percent	96%, 97%, 27%
CMY	0.0431, 0.0275, 0.7294
CMYK	0.02, 0.00, 0.72, 0.03
HSL	61°, 93%, 62%
HSV	61°, 72%, 97%
XYZ	71.9498, 86.7976, 18.5917
YIQ	226.3980, 55.0750, -56.5170

# Conversions

## Conversions Part 2

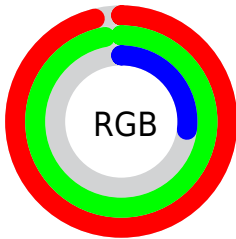
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 248, 73
Decimal	16054341
CIELab	94.65, -21.26, 79.82
CIELCh	95, 82.607, 104.915
Yxy	86.7976, 0.4057, 0.4894
Android (android.graphics.Color)	4294244421 (0xFFFF4F845)
YUV	226.3980, -77.5972, 15.4370
Hunter-Lab	93.1652, -25.1868, 53.3840

# Details

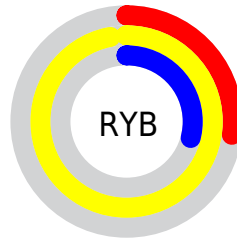
The Hex color **F4F845** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **4945F8**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFF81**, and **B8C000** is the 20% darker color. If you saturate the color by 10%, you get **F3F82C**, and if you desaturate by 10%, it is **F5F85E**.

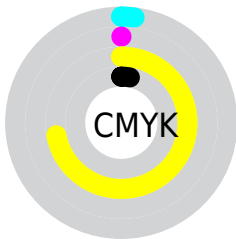
# Distribution



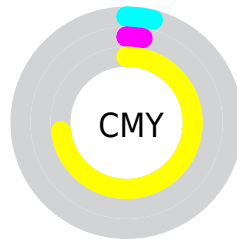
- Red (96%)
- Green (97%)
- Blue (27%)



- Red (27%)
- Yellow (97%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (72%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4F845 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 F4F845 by changing the saturation by 10% instead.



 F4F845

 F4F845

FFFFFF

 D6DC21

 FFFF81

 B8C000

 FFFF9E

 9BA500

 FFFFBB

 7E8B00

 FFFF81

 627100

 FFFF66

 465900

 2B4200

 102B00

 001900

 F4F845

 F4F845

 F3F82C

 F5F85E

 F3F813

 F5F877

 F2F800

 F6F88F

 F6F8A8

 F7F8C1

 F7F8DA

 F8F8F3

 F8F8FF

 F9F8FF

# Harmonies

## Analogous

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



FFDD4C



F4F845



99FF78

# Triad

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



F4F845



00FFFF



FFACFF

# Complementary

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



F4F845



4945F8

# 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.



FFC9FF



F4F845



00FFFF

# Square

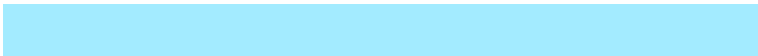
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F4F845



00FFFF



A3EBFF



FFA7CB

# Rectangle

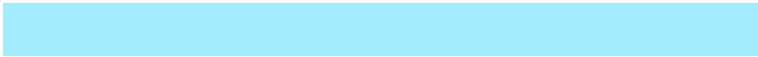
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F4F845



1CFFA8



A3EBFF



FFB4FF



# Sweetspot

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



F4F845



FEFFC7



F84845



7F805E



000000



808080



# Same Dimension

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



F4F845



FAFF21



9CF845



7D7D70



B8BD00



3C3D00



# Inverse Universe

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



4945F8



2621FF



A145F8



71707D



0400BD

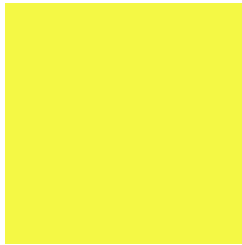


01003D



# Previews

## White Background



This preview shows how the Hex color F4F845 looks on a white background.

## Color Contrast Check

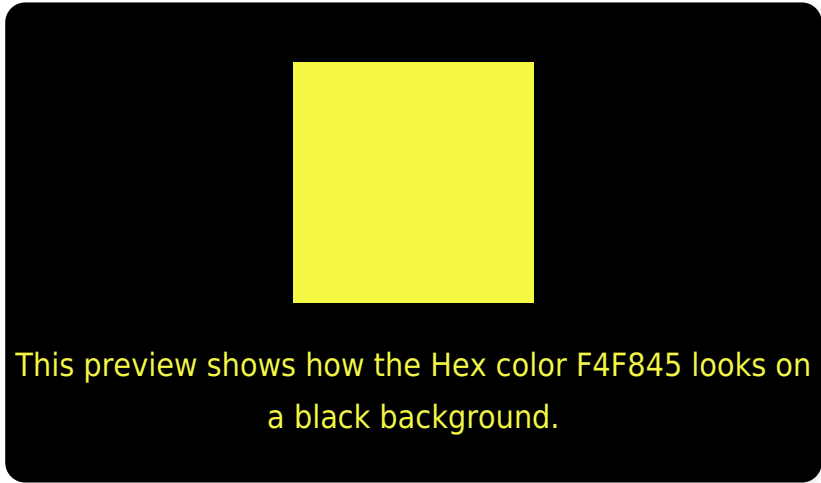
Large Text (above 18pt) WCAG AA × Fail

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 F4F845 Background



This preview shows how black text looks on a background with the Hex color F4F845.



This preview shows how white text looks on a background with the Hex color F4F845.

# 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**  
F4F845

**Protanopia**  
FFF0B1

**Deuteranopia**  
FFEDD7

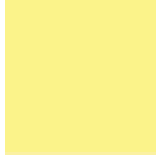


**Tritanopia**  
FFE9F7

# Trichromacy



**Original Color**  
F4F845



**Protanomaly**  
FBF38A

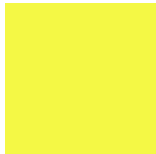


**Deuteranomaly**  
FBF1A2

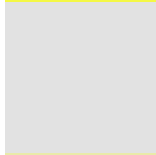


**Tritanomaly**  
FBEEB6

# Monochromacy



**Original Color**  
F4F845



**Achromatopsia**  
E2E2E2



**Achromatomaly**  
E9EAA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4F845 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 #F4F845 looks like.

```
.text, #text, p{  
    color:#F4F845  
}
```

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 #F4F845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4F845
}
```

## Border

The CSS property to change the border of an element to Hex F4F845 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
#F4F845 }
```

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

```
.border{ border-color:#F4F845 }
```

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

Here you see how a box with a 4 pixel #F4F845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4F845; -webkit-box-shadow:4px 4px  
4px 4px #F4F845; box-shadow:4px 4px 4px  
4px #F4F845 }
```

# Background

The CSS property to change the background color of an element to Hex F4F845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4F845 }
```

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

```
.background{ background-color:#F4F845 }
```

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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