

# Converting Colors

Hex(FAFF3F)

Have a look what the booklet for  
Hex(FAFF3F) contains.

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**Color**

**Hex(FAFF3F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAFF3F
RGB	250, 255, 63
RGB Percent	98%, 100%, 25%
CMY	0.0196, 0.0000, 0.7529
CMYK	0.02, 0.00, 0.75, 0.00
HSL	62°, 100%, 62%
HSV	62°, 75%, 100%
XYZ	76.0815, 92.2029, 18.4896
YIQ	231.6170, 58.6520, -60.7720

# Conversions

## Conversions Part 2

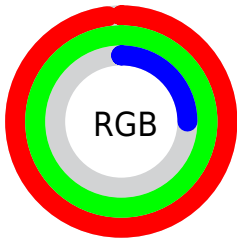
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">63, 255, 68</a>
Decimal	<a href="#">16449343</a>
CIELab	<a href="#">96.90, -22.40, 83.91</a>
CIELCh	<a href="#">97, 86.848, 104.949</a>
Yxy	<a href="#">92.2029, 0.4073, 0.4937</a>
Android (android.graphics.Color)	<a href="#">4294639423</a> ( <a href="#">0xFFFAFF3F</a> )
YUV	<a href="#">231.6170, -83.1282, 16.1219</a>
Hunter-Lab	<a href="#">96.0223, -26.6078, 55.7990</a>

# Details

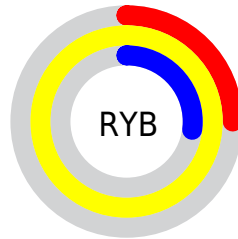
The Hex color **F AFF3F** is a light color, and the websafe version is hex **F FFF33**. The color can be described as light washed yellow. A complement of this color would be **443FFF**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **F FFF7D**, and **BDC700** is the 20% darker color. If you saturate the color by 10%, you get **F9FF25**, and if you desaturate by 10%, it is **F BFF59**.

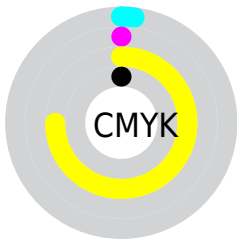
# Distribution



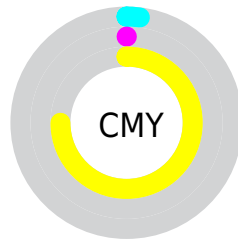
- Red (98%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (27%)



- Cyan (2%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FAFF3F 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 FAFF3F by changing the saturation by 10% instead.



 FAFF3F

 FAFF3F

FFFFFF

 DBE214

 FFFF7D

 BDC700

 FFFF9A

 A0AB00

 FFFFB8

 839100

 FFFF D5

 667700

 FFFFF3

 4A5F00

 2F4700

 143100

 001D00

 FAFF3F

 FAFF3F

 F9FF25

 FBFF59

 F9FF0C

 FBFF72

 F8FF00

 FCFF8C

 FDFFA5

 FDFFBF

 FEFFD8

 FFFFF2

FFFFFF

# Harmonies

## Analogous

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



FFE347



FAFF3F



99FF77

# Triad

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



FAFF3F



00FFFF



FFADFF

# Complementary

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



FAFF3F



443FFF

# 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.



FFCDFF



FAFF3F



00FFFF

# Square

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



FAFF3F



00FFFF



A3F1FF



FFA8CF

# Rectangle

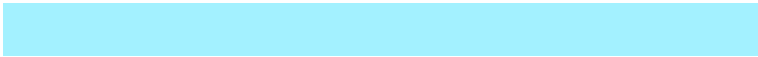
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FAFF3F



00FFAB



A3F1FF



FFB6FF



# Sweetspot

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



FAFF3F



FDFFC4



FF423F



7F805C



000000



808080



# Same Dimension

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



FAFF3F



F9FF19



9CFF3F



7F8073



BABF00



3E4000



# Inverse Universe

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



443FFF



1F19FF



A23FFF



737380



0500BF

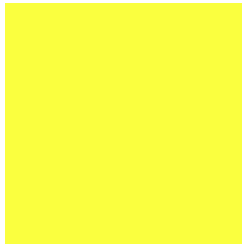


020040



# Previews

## White Background



This preview shows how the Hex color #FAFF3F looks on a white background.

## Color Contrast Check

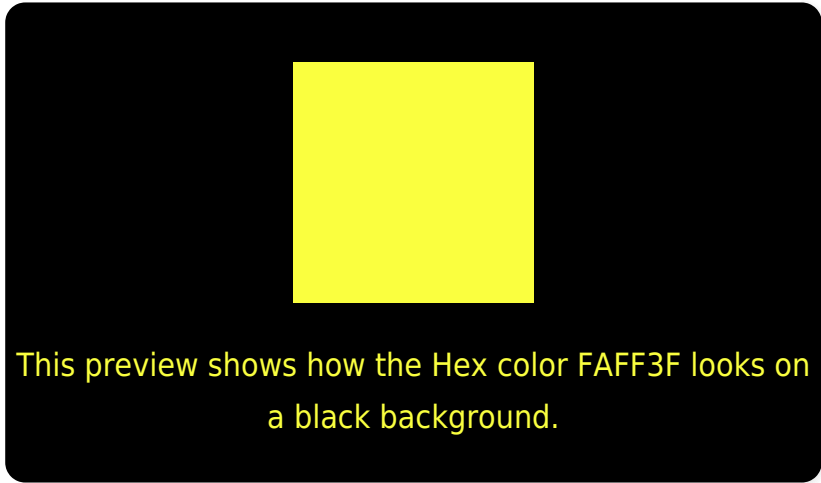
Large Text (above 18pt) WCAG AA × Fail

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 FAFF3F Background



This preview shows how black text looks on a background with the Hex color FAFF3F.

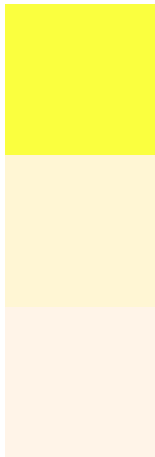


This preview shows how white text looks on a background with the Hex color FAFF3F.

# 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**  
FAFF3F

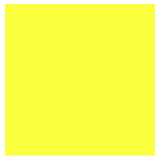
**Protanopia**  
FFF6D4

**Deuteranopia**  
FFF4E8



**Tritanopia**  
FFF2FA

# Trichromacy



**Original Color**  
FAFF3F



**Protanomaly**  
FDF99E

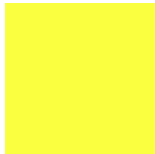


**Deuteranomaly**  
FDF8AB

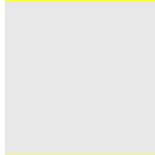


**Tritanomaly**  
FDF7B6

# Monochromacy



**Original Color**  
FAFF3F



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
EFF0AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FAFF3F 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 #FAFF3F looks like.

```
.text, #text, p{  
    color:#FAFF3F  
}
```

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 #FAFF3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAFF3F
}
```

## Border

The CSS property to change the border of an element to Hex FAFF3F 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
#FAFF3F }
```

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

```
.border{ border-color:#FAFF3F }
```

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

Here you see how a box with a 4 pixel #FAFF3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAFF3F; -webkit-box-shadow:4px 4px  
4px 4px #FAFF3F; box-shadow:4px 4px 4px  
4px #FAFF3F }
```

# Background

The CSS property to change the background color of an element to Hex FAFF3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAFF3F }
```

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

```
.background{ background-color:#FAFF3F }
```

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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