

# Converting Colors

Hex(F9FF47)

Have a look what the booklet for  
Hex(F9FF47) contains.

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**Color**

**Hex(F9FF47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9FF47
RGB	249, 255, 71
RGB Percent	98%, 100%, 28%
CMY	0.0235, 0.0000, 0.7216
CMYK	0.02, 0.00, 0.72, 0.00
HSL	62°, 100%, 64%
HSV	62°, 72%, 100%
XYZ	75.9643, 92.1147, 19.7374
YIQ	232.2300, 55.4880, -58.4960

# Conversions

## Conversions Part 2

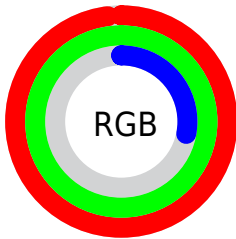
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">71, 255, 77</a>
Decimal	<a href="#">16383815</a>
CIELab	<a href="#">96.87, -22.49, 81.41</a>
CIELCh	<a href="#">97, 84.457, 105.441</a>
Yxy	<a href="#">92.1147, 0.4045, 0.4905</a>
Android (android.graphics.Color)	<a href="#">4294573895 (0xFFFF9FF47)</a>
YUV	<a href="#">232.2300, -79.4864, 14.7073</a>
Hunter-Lab	<a href="#">95.9764, -26.6779, 54.9906</a>

# Details

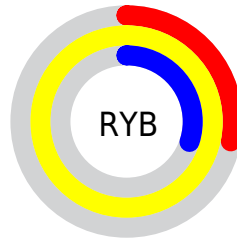
The Hex color **F9FF47** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **4D47FF**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFF83**, and **BDC700** is the 20% darker color. If you saturate the color by 10%, you get **F8FF2E**, and if you desaturate by 10%, it is **FAFF61**.

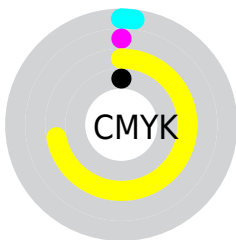
# Distribution



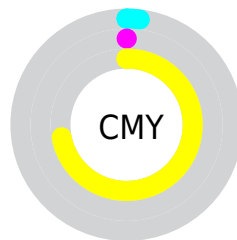
- Red (98%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (30%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color F9FF47 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 F9FF47 by changing the saturation by 10% instead.



 F9FF47

 F9FF47

FFFFFF

 DBE222

 FFFF83

 BDC700

 FFFFA0

 9FAB00

 FFFFBD

 829100

 FFFFDB

 667700

 FFFFF9

 4A5F00

 2E4700

 133100

 001D00

 F9FF47

 F9FF47

 F8FF2E

 FAFF61

 F7FF14

 FBFF7A

 F7FF00

 FBFF93

 FCFFAD

 FDFFC7

 FEFFE0

 FFFFFA

FFFFFF

# Harmonies

## Analogous

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



FFE34D



F9FF47



9AFF7C

# Triad

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



F9FF47



00FFFF



FFB0FF

# Complementary

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



F9FF47



4D47FF

# 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.



FFCEFF



F9FF47



00FFFF

# Square

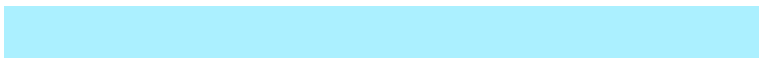
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F9FF47



00FFFF



ABFOFF



FFABCF

# Rectangle

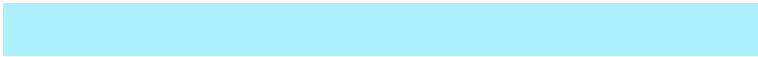
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F9FF47



0AFFAE



ABF0FF



FFB8FF



# Sweetspot

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



F9FF47



FDFFC7



FF4A47



7E805E



000000



808080



# Same Dimension

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



F9FF47



F8FF21



A0FF47



7F8073



B9BF00



3E4000



# Inverse Universe

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



4D47FF



2821FF



A647FF



737380



0600BF

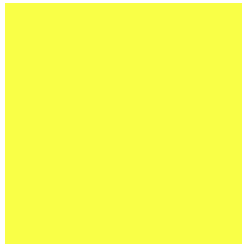


020040



# Previews

## White Background



This preview shows how the Hex color F9FF47 looks on a white background.

## Color Contrast Check

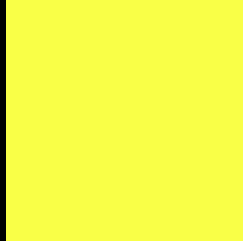
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F9FF47 looks on a 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 F9FF47 Background



This preview shows how black text looks on a background with the Hex color F9FF47.

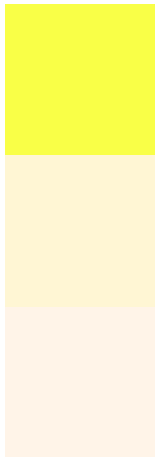


This preview shows how white text looks on a background with the Hex color F9FF47.

# 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**  
F9FF47

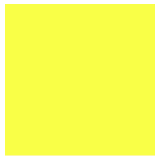
**Protanopia**  
FFF6D4

**Deuteranopia**  
FFF4E8

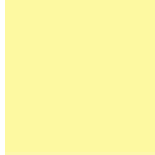


**Tritanopia**  
FFF2FB

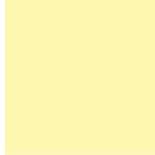
# Trichromacy



**Original Color**  
F9FF47



**Protanomaly**  
FDF9A1

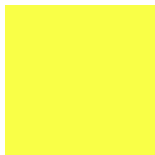


**Deuteranomaly**  
FDF8AD

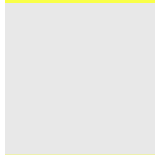


**Tritanomaly**  
FDF7BA

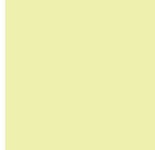
# Monochromacy



**Original Color**  
F9FF47



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
EEF0AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9FF47 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 #F9FF47 looks like.

```
.text, #text, p{  
    color:#F9FF47  
}
```

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 #F9FF47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9FF47
}
```

## Border

The CSS property to change the border of an element to Hex F9FF47 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
#F9FF47 }
```

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

```
.border{ border-color:#F9FF47 }
```

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

Here you see how a box with a 4 pixel #F9FF47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9FF47; -webkit-box-shadow:4px 4px  
4px 4px #F9FF47; box-shadow:4px 4px 4px  
4px #F9FF47 }
```

# Background

The CSS property to change the background color of an element to Hex F9FF47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9FF47 }
```

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

```
.background{ background-color:#F9FF47 }
```

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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