

# Converting Colors

Hex(F3F046)

Have a look what the booklet for  
Hex(F3F046) contains.

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**Color**

**Hex(F3F046)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3F046
RGB	243, 240, 70
RGB Percent	95%, 94%, 27%
CMY	0.0471, 0.0588, 0.7255
CMYK	0.00, 0.01, 0.71, 0.05
HSL	59°, 88%, 61%
HSV	59°, 71%, 95%
XYZ	69.2277, 81.8171, 17.9379
YIQ	221.5170, 56.3580, -52.2340

# Conversions

## Conversions Part 2

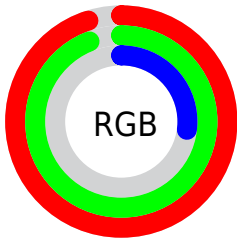
Format	Color
<a href="#">RYB</a>	<a href="#">73, 243, 70</a>
Decimal	<a href="#">15986758</a>
CIELab	<a href="#">92.49, -17.78, 77.42</a>
CIElCh	<a href="#">92, 79.435, 102.934</a>
Yxy	<a href="#">81.8171, 0.4097, 0.4842</a>
Android (android.graphics.Color)	<a href="#">4294176838 (0xFFFF3F046)</a>
YUV	<a href="#">221.5170, -74.6979, 18.8406</a>
Hunter-Lab	<a href="#">90.4528, -21.6780, 51.5590</a>

# Details

The Hex color **F3F046** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **4649F3**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFF81**, and **B7B800** is the 20% darker color. If you saturate the color by 10%, you get **F3F02E**, and if you desaturate by 10%, it is **F3F05E**.

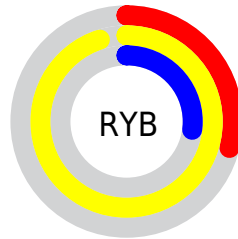
# Distribution



Red (95%)

Green (94%)

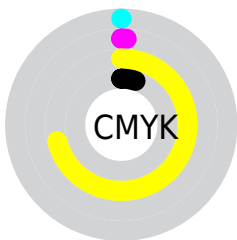
Blue (27%)



Red (29%)

Yellow (95%)

Blue (27%)

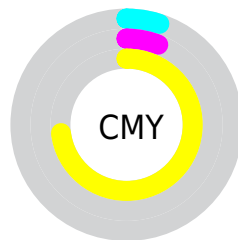


Cyan (0%)

Magenta (1%)

Yellow (71%)

Black (5%)



Cyan (5%)

Magenta (6%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3F046 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 F3F046 by changing the saturation by 10% instead.



 F3F046

 F3F046

FFFFFF

 D5D423

 FFFF81

 B7B800

 FFFF9E

 9A9E00

 FFFFBA

 7D8400


 FFFF81

 616B00

 FFFF66

 455300

 2B3C00

 112600

 001000

 F3F046

 F3F046

 F3F02E

 F3F05E

 F3EF15

 F3F177

 F3EF00

 F3F18F

 F3F2A7

 F3F2BF

 F3F3D8

 F3F3F0

 F3F3FF

 F3F4FF

# Harmonies

## Analogous

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



FFD650



F3F046



9EFF73

# Triad

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



F3F046



00FFFF



FFAAFF

# Complementary

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



F3F046



4649F3

# 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.



FFC7FF



F3F046



00FEFF

# Square

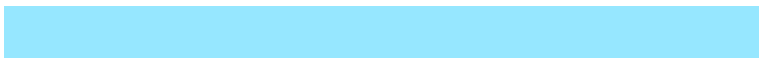
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F3F046



00FFFF



96E7FF



FFA4CB

# Rectangle

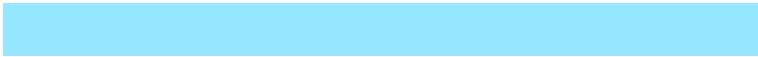
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3F046



3FFFA1



96E7FF



FFB2FF



# Sweetspot

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



F3F046



FFEC9



F3464C



807F60



000000



808080



# Same Dimension

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



F3F046



FFFB26



A2F346



7A7A6E



BAB700



3B3A00



# Inverse Universe

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



4649F3



262AFF



9746F3



6E6E7A



0003BA

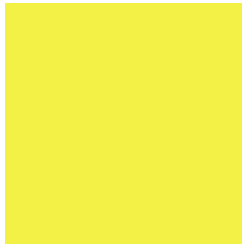


00013B



# Previews

## White Background



This preview shows how the Hex color F3F046 looks on a white background.

## Color Contrast Check

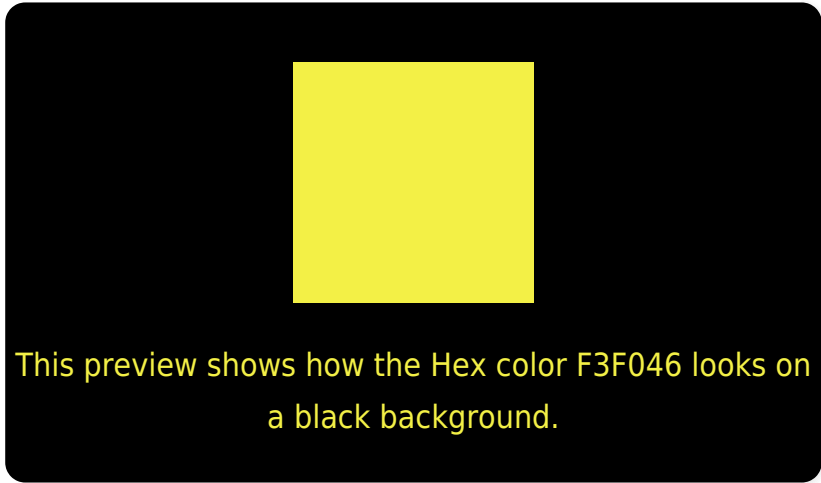
Large Text (above 18pt) WCAG AA × Fail

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 F3F046 Background



This preview shows how black text looks on a background with the Hex color F3F046.

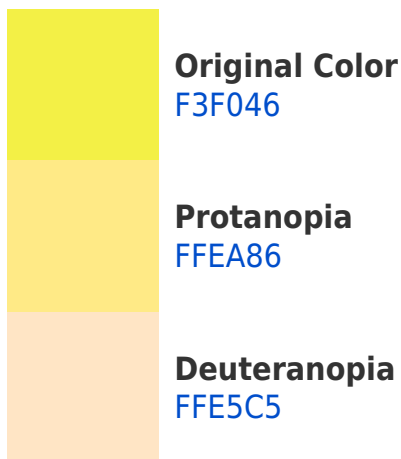


This preview shows how white text looks on a background with the Hex color F3F046.

# 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**  
FFE1F1

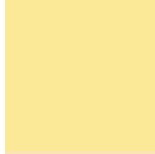
# Trichromacy



**Original Color**  
F3F046



**Protanomaly**  
FBEC6F



**Deuteranomaly**  
FBE997

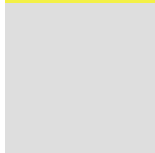


**Tritanomaly**  
FBE6B3

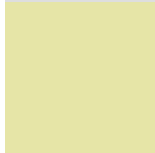
# Monochromacy



**Original Color**  
F3F046



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
E6E5A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3F046 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 #F3F046 looks like.

```
.text, #text, p{  
    color:#F3F046  
}
```

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 #F3F046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3F046
}
```

## Border

The CSS property to change the border of an element to Hex F3F046 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
#F3F046 }
```

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

```
.border{ border-color:#F3F046 }
```

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

Here you see how a box with a 4 pixel #F3F046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3F046; -webkit-box-shadow:4px 4px  
4px 4px #F3F046; box-shadow:4px 4px 4px  
4px #F3F046 }
```

# Background

The CSS property to change the background color of an element to Hex F3F046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3F046 }
```

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

```
.background{ background-color:#F3F046 }
```

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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