

Converting Colors

Hex(F4F942)

Have a look what the booklet for
Hex(F4F942) contains.

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Color

Hex(F4F942)

Conversions

Conversions Part 1

Format	Color
Hex	F4F942
RGB	244, 249, 66
RGB Percent	96%, 98%, 26%
CMY	0.0431, 0.0235, 0.7412
CMYK	0.02, 0.00, 0.73, 0.02
HSL	62°, 94%, 62%
HSV	62°, 73%, 98%
XYZ	72.1673, 87.3778, 18.2162
YIQ	226.6430, 55.7630, -57.9730

Conversions

Conversions Part 2

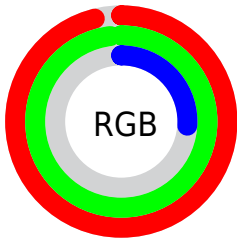
Format	Color
R _{YB}	66, 249, 71
Decimal	16054594
CIE Lab	94.90, -21.86, 81.00
CIE LCh	95, 83.899, 105.106
Yxy	87.3778, 0.4060, 0.4915
Android (android.graphics.Color)	4294244674 (0xFFFF4F942)
YUV	226.6430, -79.1970, 15.2221
Hunter-Lab	93.4761, -25.7740, 53.8791

Details

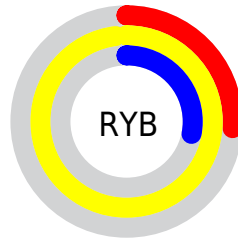
The Hex color **F4F942** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **4742F9**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFF7E**, and **B8C100** is the 20% darker color. If you saturate the color by 10%, you get **F3F929**, and if you desaturate by 10%, it is **F5F95B**.

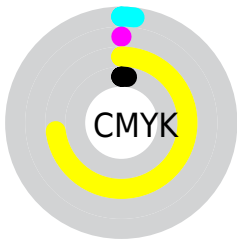
Distribution



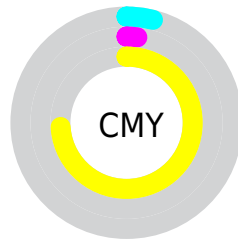
- Red (96%)
- Green (98%)
- Blue (26%)



- Red (26%)
- Yellow (98%)
- Blue (28%)



- Cyan (2%)
- Magenta (0%)
- Yellow (73%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color F4F942 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 F4F942 by changing the saturation by 10% instead.

 F4F942

 F4F942

FFFFFF

 D6DD1B

 FFFF7E

 B8C100

 FFFF9C

 9AA600

 FFFFB9

 7E8C00

 FFFF D6

 627200

 FFFFF4

 455A00

 2A4200

 0F2C00

 001A00

 F4F942

 F4F942

 F3F929

 F5F95B

 F3F910

 F5F974

 F2F900

 F6F98D

 F7F9A6

 F7F9BE

 F8F9D7

 F9F9F0

 F9F9FF

 FAF9FF

Harmonies

Analogous

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



FFDE49



F4F942



97FF77

Triad

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



F4F942



00FFFF



FFABFF

Complementary

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



F4F942



4742F9

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



F4F942



00FFFF

Square

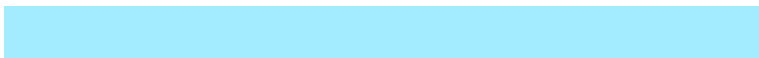
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F4F942



00FFFF



A3EBFF



FFA6CB

Rectangle

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



F4F942



00FFA9



A3EBFF



FFB3FF

Sweetspot

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



F4F942



FDFFC7



F94542



7F805E



000000



808080

Same Dimension

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



F4F942



F9FF1F



9AF942



7D7D70



B8BD00



3C3D00

Inverse Universe

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



4742F9



251FFF



A142F9



71707D



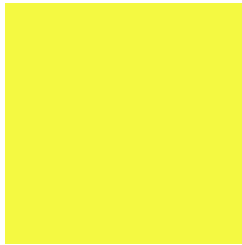
0500BD



02003D

Previews

White Background



This preview shows how the Hex color F4F942 looks on a white background.

Color Contrast Check

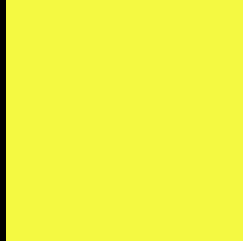
Large Text (above 18pt) WCAG AA × Fail

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 F4F942 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 F4F942 Background



This preview shows how black text looks on a background with the Hex color F4F942.

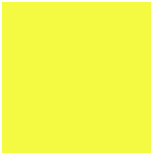
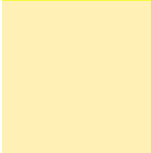
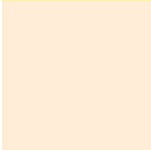


This preview shows how white text looks on a background with the Hex color F4F942.

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](#).

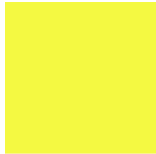
Dichromacy

	Original Color F4F942
	Protanopia FFF0B5
	Deuteranopia FFEDD8

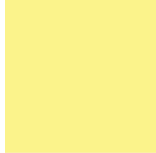


Tritanopia
FFFAF8

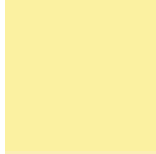
Trichromacy



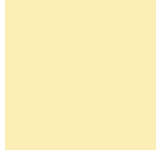
Original Color
F4F942



Protanomaly
FBF38B

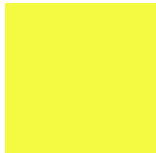


Deuteranomaly
FBF1A1

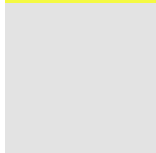


Tritanomaly
FBEFB6

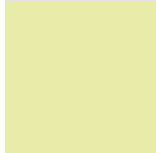
Monochromacy



Original Color
F4F942



Achromatopsia
E3E3E3



Achromatomaly
E9EBA8

CSS Examples

Text

The CSS property to change the color of the text to Hex F4F942 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 #F4F942 looks like.

```
.text, #text, p{  
    color:#F4F942  
}
```

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 #F4F942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4F942
}
```

Border

The CSS property to change the border of an element to Hex F4F942 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
#F4F942 }
```

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

```
.border{ border-color:#F4F942 }
```

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

Here you see how a box with a 4 pixel #F4F942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4F942; -webkit-box-shadow:4px 4px  
4px 4px #F4F942; box-shadow:4px 4px 4px  
4px #F4F942 }
```

Background

The CSS property to change the background color of an element to Hex F4F942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4F942 }
```

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

```
.background{ background-color:#F4F942 }
```

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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