

# Converting Colors

Hex(F5F84A)

Have a look what the booklet for  
Hex(F5F84A) contains.

<b>Hex(F5F84A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F5F84A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5F84A
RGB	245, 248, 74
RGB Percent	96%, 97%, 29%
CMY	0.0392, 0.0275, 0.7098
CMYK	0.01, 0.00, 0.70, 0.03
HSL	61°, 93%, 63%
HSV	61°, 70%, 97%
XYZ	72.4596, 87.0417, 19.4603
YIQ	227.2670, 54.0660, -54.7500

# Conversions

## Conversions Part 2

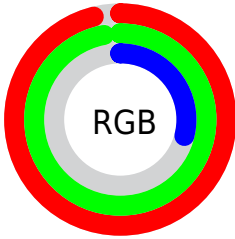
Format	Color
<a href="#">RYB</a>	<a href="#">74, 248, 77</a>
Decimal	<a href="#">16119882</a>
CIELab	<a href="#">94.76, -20.64, 78.30</a>
CIELCh	<a href="#">95, 80.975, 104.764</a>
Yxy	<a href="#">87.0417, 0.4049, 0.4864</a>
Android (android.graphics.Color)	<a href="#">4294309962 (0xFFFF5F84A)</a>
YUV	<a href="#">227.2670, -75.5606, 15.5518</a>
Hunter-Lab	<a href="#">93.2961, -24.6340, 52.9402</a>

# Details

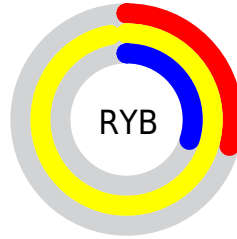
The Hex color **F5F84A** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **4D4AF8**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFF85**, and **B9C000** is the 20% darker color. If you saturate the color by 10%, you get **F5F831**, and if you desaturate by 10%, it is **F5F863**.

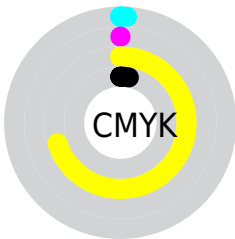
# Distribution



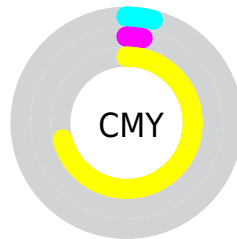
- Red (96%)
- Green (97%)
- Blue (29%)



- Red (29%)
- Yellow (97%)
- Blue (30%)



- Cyan (1%)
- Magenta (0%)
- Yellow (70%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5F84A 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 F5F84A by changing the saturation by 10% instead.



 F5F84A

 F5F84A

FFFFFF

 D7DC28

 FFFF85

 B9C000

 FFFFA2

 9CA500

 FFFFBF

 7F8B00

 FFFFDC

 637100

 FFFFFA

 475900

 2C4200

 122B00

 001900

 F5F84A

 F5F84A

 F5F831

 F5F863

 F4F818

 F6F87C

 F4F800

 F6F894

 F7F8AD

 F7F8C6

 F8F8DF

 F8F8F8

 F8F8FF

 F9F8FF

# Harmonies

## Analogous

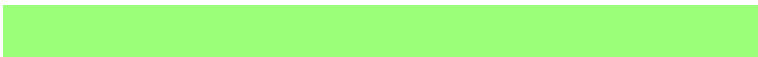
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDE51



F5F84A



9CFF7A

# Triad

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



F5F84A



00FFFF



FFAEFF

# Complementary

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



F5F84A



4D4AF8

# 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.



FFCBFF



F5F84A



00FFFF

# Square

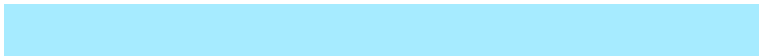
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5F84A



00FFFF



A6EBFF



FFA9CC

# Rectangle

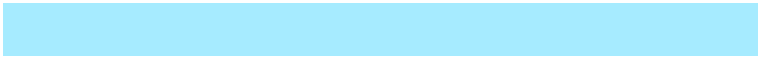
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5F84A



2FFFAA



A6EBFF



FFB6FF



# Sweetspot

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



F5F84A



FEFFC9



F84D4A



7F8060



000000



808080



# Same Dimension

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



F5F84A



FBFF29



9EF84A



7D7D70



B9BD00



3C3D00



# Inverse Universe

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



4D4AF8



2C29FF



A44AF8



71707D



0300BD

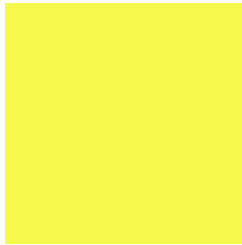


01003D



# Previews

## White Background



This preview shows how the Hex color F5F84A looks on a white background.

## Color Contrast Check

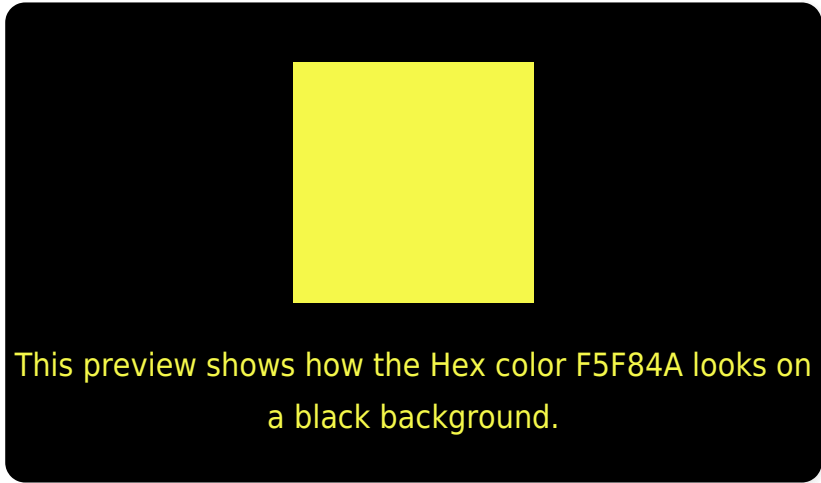
Large Text (above 18pt) WCAG AA × Fail

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 F5F84A Background



This preview shows how black text looks on a background with the Hex color F5F84A.

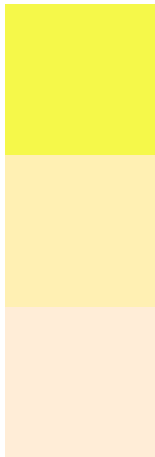


This preview shows how white text looks on a background with the Hex color F5F84A.

# 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**  
F5F84A

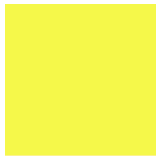
**Protanopia**  
FFF0B3

**Deuteranopia**  
FFEDD7

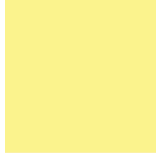


**Tritanopia**  
FFFAF7

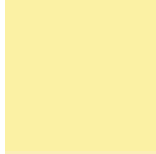
# Trichromacy



**Original Color**  
F5F84A



**Protanomaly**  
FBF38D



**Deuteranomaly**  
FBF1A4

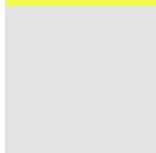


**Tritanomaly**  
FBEFB8

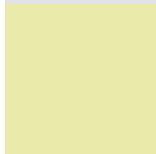
# Monochromacy



**Original Color**  
F5F84A



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
EAEBAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5F84A 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 #F5F84A looks like.

```
.text, #text, p{  
    color:#F5F84A  
}
```

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 #F5F84A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5F84A
}
```

## Border

The CSS property to change the border of an element to Hex F5F84A 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
#F5F84A }
```

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

```
.border{ border-color:#F5F84A }
```

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

Here you see how a box with a 4 pixel #F5F84A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5F84A; -webkit-box-shadow:4px 4px  
4px 4px #F5F84A; box-shadow:4px 4px 4px  
4px #F5F84A }
```

# Background

The CSS property to change the background color of an element to Hex F5F84A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5F84A }
```

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

```
.background{ background-color:#F5F84A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor