

# Converting Colors

Hex(F6E347)

Have a look what the booklet for  
Hex(F6E347) contains.

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**Color**

**Hex(F6E347)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6E347
RGB	246, 227, 71
RGB Percent	96%, 89%, 28%
CMY	0.0353, 0.1098, 0.7216
CMYK	0.00, 0.08, 0.71, 0.04
HSL	53°, 91%, 62%
HSV	53°, 71%, 96%
XYZ	66.6125, 74.9859, 16.9241
YIQ	214.8970, 61.4000, -44.4880

# Conversions

## Conversions Part 2

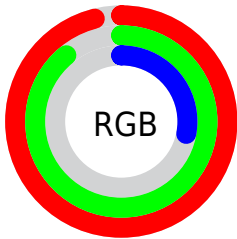
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 246, 71
Decimal	16180039
CIE <sub>Lab</sub>	89.39, -10.12, 74.17
CIE <sub>LCh</sub>	89, 74.854, 97.772
Yxy	74.9859, 0.4202, 0.4730
Android (android.graphics.Color)	4294370119 (0xFFFF6E347)
YUV	214.8970, -70.9412, 27.2773
Hunter-Lab	86.5944, -14.2297, 49.0284

# Details

The Hex color **F6E347** 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 **475AF6**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF80**, and **BAAC00** is the 20% darker color. If you saturate the color by 10%, you get **F6E02E**, and if you desaturate by 10%, it is **F6E660**.

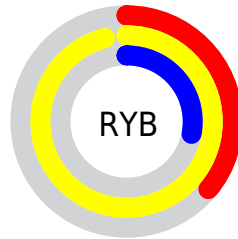
# Distribution



Red (96%)

Green (89%)

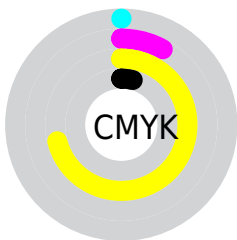
Blue (28%)



Red (36%)

Yellow (96%)

Blue (28%)

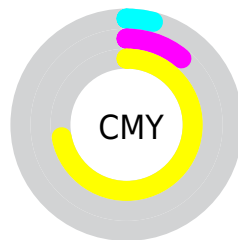


Cyan (0%)

Magenta (8%)

Yellow (71%)

Black (4%)



Cyan (4%)

Magenta (11%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6E347 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 F6E347 by changing the saturation by 10% instead.



 F6E347

 F6E347

FFFFFF

 D8C726

 FFFF80

 BAAC00

 FFFF9D

 9D9200

 FFFFBA

 807800


 FFFF7D

 646000

 FFFFF4

 484800

 2E3200

 161D00

 000000

 F6E347

 F6E347

 F6E02E

 F6E660

 F6DE16

 F6E878

 F6DB00

 F6EB91

 F6EEA9

 F6F0C2

 F6F3DB

 F6F6F3

 F6F8FF

 F6FBFF

# Harmonies

## Analogous

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



FFC959



F6E347



AAF569

# Triad

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



F6E347



00FFFF



FFAAFF

# Complementary

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



F6E347



475AF6

# 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.



FDC6FF



F6E347



00F7FF

# Square

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



F6E347



00FFF2



75E2FF



FF9FD1

# Rectangle

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



F6E347



63FD91



75E2FF



FFB2FF



# Sweetspot

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



F6E347



FFF9C9



F6475B



807C60



000000



808080



# Same Dimension

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



F6E347



FFE726



B3F647



7A796E



BAA600



3B3400



# Inverse Universe

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



475AF6



263EFF



8A47F6



6E6F7A



0014BA

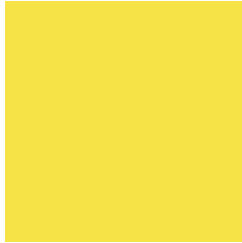


00063B



# Previews

## White Background



This preview shows how the Hex color F6E347 looks on a white background.

## Color Contrast Check

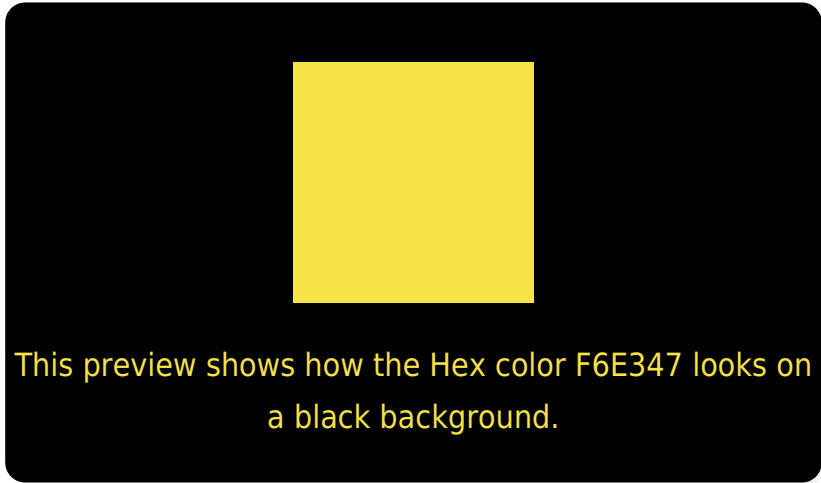
Large Text (above 18pt) WCAG AA × Fail

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 F6E347 Background



This preview shows how black text looks on a background with the Hex color F6E347.

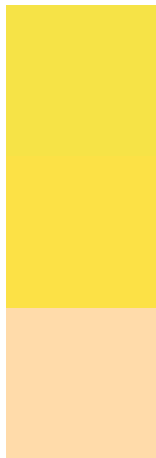


This preview shows how white text looks on a background with the Hex color F6E347.

# 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**  
F6E347

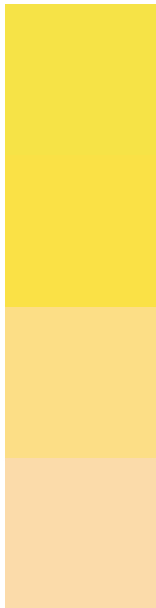
**Protanopia**  
FCE146

**Deuteranopia**  
FFDBAA



**Tritanopia**  
FFD6E4

# Trichromacy



**Original Color**  
F6E347

**Protanomaly**  
FAE246

**Deuteranomaly**  
FCDE86

**Tritanomaly**  
FCDBAB

# Monochromacy



**Original Color**  
F6E347

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
E2DBA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6E347 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 #F6E347 looks like.

```
.text, #text, p{  
    color:#F6E347  
}
```

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 #F6E347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6E347
}
```

## Border

The CSS property to change the border of an element to Hex F6E347 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
#F6E347 }
```

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

```
.border{ border-color:#F6E347 }
```

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

Here you see how a box with a 4 pixel #F6E347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6E347; -webkit-box-shadow:4px 4px  
4px 4px #F6E347; box-shadow:4px 4px 4px  
4px #F6E347 }
```

# Background

The CSS property to change the background color of an element to Hex F6E347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6E347 }
```

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

```
.background{ background-color:#F6E347 }
```

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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