

Converting Colors

Hex(F6F367)

Have a look what the booklet for
Hex(F6F367) contains.

Hex(F6F367)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F6F367)

Conversions

Conversions Part 1

Format	Color
Hex	F6F367
RGB	246, 243, 103
RGB Percent	96%, 95%, 40%
CMY	0.0353, 0.0471, 0.5961
CMYK	0.00, 0.01, 0.58, 0.04
HSL	59°, 89%, 68%
HSV	59°, 58%, 96%
XYZ	72.5048, 84.6733, 25.3541
YIQ	227.9370, 46.7280, -42.9040

Conversions

Conversions Part 2

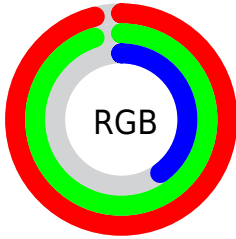
Format	Color
R_{YB}	106, 246, 103
Decimal	16184167
CIE _{Lab}	93.74, -16.17, 66.17
CIE _{LCh}	94, 68.114, 103.733
Yxy	84.6733, 0.3972, 0.4639
Android (android.graphics.Color)	4294374247 (0xFFFF6F367)
YUV	227.9370, -61.5939, 15.8413
Hunter-Lab	92.0181, -20.3842, 48.0762

Details

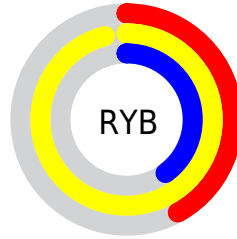
The Hex color **F6F367** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **676AF6**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFF9F**, and **BBBB2E** is the 20% darker color. If you saturate the color by 10%, you get **F6F24E**, and if you desaturate by 10%, it is **F6F480**.

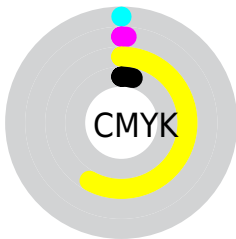
Distribution



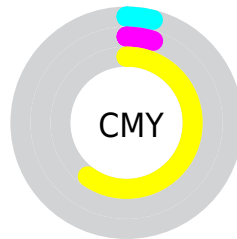
- Red (96%)
- Green (95%)
- Blue (40%)



- Red (42%)
- Yellow (96%)
- Blue (40%)



- Cyan (0%)
- Magenta (1%)
- Yellow (58%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6F367 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 F6F367 by changing the saturation by 10% instead.

 F6F367

 F6F367

FFFFFF

 D8D74B

 FFFF9F

 BBBB2E

 FFFFBB

 9EA003


 FFFFD8

 828600

 FFFFF5

 666D00

 4B5500

 313E00

 172800

 001600

 F6F367

 F6F367

 F6F24E

 F6F480

 F6F236

 F6F498

 F6F11D

 F6F5B1

 F6F105

 F6F5C9

 F6F100

 F6F6E2

 F6F6FB

 F6F7FF

 F6F8FF

Harmonies

Analogous

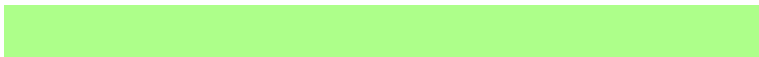
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD6C



F6F367



ADFF8A

Triad

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



F6F367



00FFFF



FFBAFF

Complementary

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



F6F367



676AF6

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.



FFD0FF



F6F367



00FEFF

Square

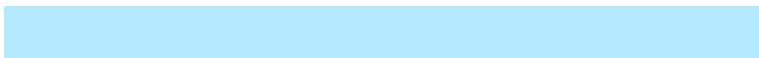
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F6F367



00FFFF



B3EAFF



FFB5D1

Rectangle

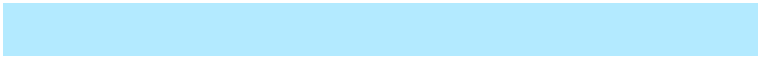
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6F367



6BFFB0



B3EAFF



FFC0FF

Sweetspot

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



F6F367



FFFED4



F6676C



807F66



000000



808080

Same Dimension

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



F6F367



FFFB4D



B3F667



7A7A6E



BAB600



3B3900

Inverse Universe

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



676AF6



4D50FF



AA67F6



6E6E7A



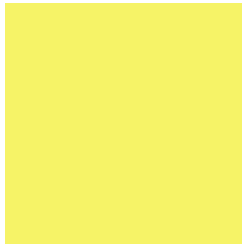
0004BA



00013B

Previews

White Background



This preview shows how the Hex color F6F367 looks on a white background.

Color Contrast Check

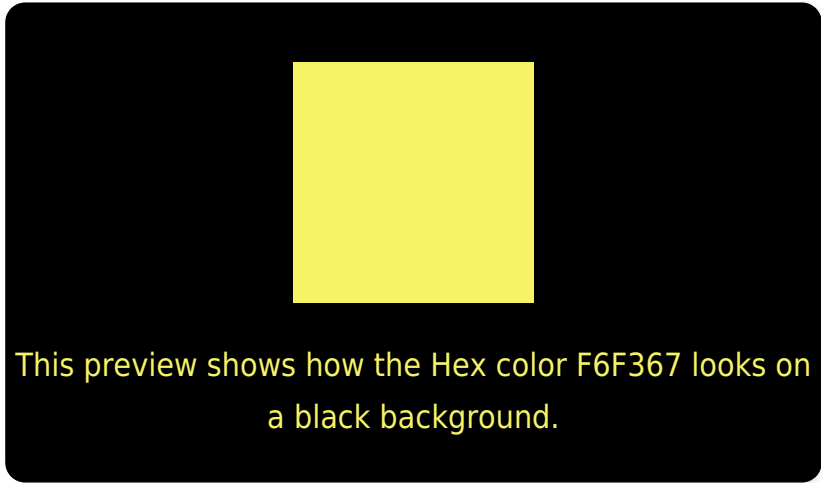
Large Text (above 18pt) WCAG AA × Fail

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 F6F367 Background



This preview shows how black text looks on a background with the Hex color F6F367.

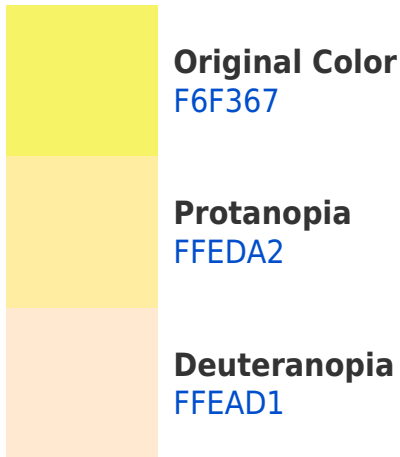


This preview shows how white text looks on a background with the Hex color F6F367.

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
FFE6F4

Trichromacy



Original Color
F6F367



Protanomaly
FCEF8D



Deuteranomaly
FCEDAA

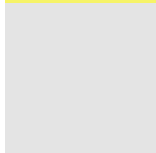


Tritanomaly
FCEBC1

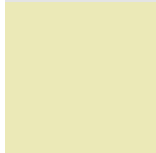
Monochromacy



Original Color
F6F367



Achromatopsia
E4E4E4



Achromatomaly
EBE9B7

CSS Examples

Text

The CSS property to change the color of the text to Hex F6F367 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 #F6F367 looks like.

```
.text, #text, p{  
    color:#F6F367  
}
```

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 #F6F367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6F367  
}
```

Border

The CSS property to change the border of an element to Hex F6F367 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  
#F6F367 }
```

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

```
.border{ border-color:#F6F367 }
```

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

Here you see how a box with a 4 pixel #F6F367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6F367; -webkit-box-shadow:4px 4px  
4px 4px #F6F367; box-shadow:4px 4px 4px  
4px #F6F367 }
```

Background

The CSS property to change the background color of an element to Hex F6F367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6F367 }
```

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

```
.background{ background-color:#F6F367 }
```

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