

# Converting Colors

Hex(FFF067)

Have a look what the booklet for  
Hex(FFF067) contains.

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**Color**

**Hex(FFF067)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF067
RGB	255, 240, 103
RGB Percent	100%, 94%, 40%
CMY	0.0000, 0.0588, 0.5961
CMYK	0.00, 0.06, 0.60, 0.00
HSL	54°, 100%, 70%
HSV	54°, 60%, 100%
XYZ	74.8483, 84.5594, 25.2086
YIQ	228.8670, 52.9170, -39.4270

# Conversions

## Conversions Part 2

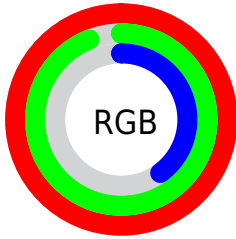
Format	Color
R <sub>Y</sub> B	120, 255, 103
Decimal	16773223
CIE Lab	93.69, -11.09, 66.32
CIE LCh	94, 67.238, 99.492
Yxy	84.5594, 0.4054, 0.4580
Android (android.graphics.Color)	4294963303 (0xFFFFF067)
YUV	228.8670, -62.0524, 22.9186
Hunter-Lab	91.9562, -15.6323, 48.1157

# Details

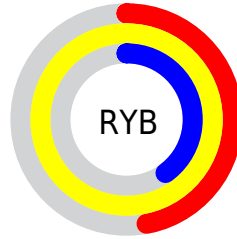
The Hex color **FFF067** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6776FF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFF9F**, and **C3B82E** is the 20% darker color. If you saturate the color by 10%, you get **FFED4E**, and if you desaturate by 10%, it is **FFF381**.

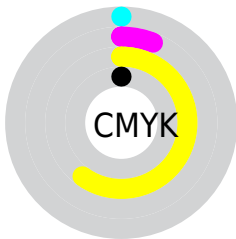
# Distribution



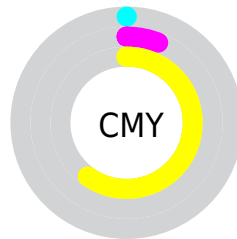
- Red (100%)
- Green (94%)
- Blue (40%)



- Red (47%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (6%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF067 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 FFF067 by changing the saturation by 10% instead.



 FFF067

 FFF067

FFFFFF

 E1D44B

 FFFF9F

 C3B82E

 FFFFBB

 A69E04

 FFFFD8

 8A8400

 FFFFF5

 6E6B00

 535300

 383C00

 1F2600

 001300

 FFF067

 FFF067

 FFED4E

 FFF381

 FFE834

 FFF59A

 FFE81A

 FFF8B3

 FFE601

 FFFACD

 FFE600

 FFFDE7

FFFFFF

# Harmonies

## Analogous

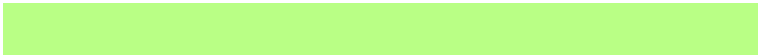
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD972



FFF067



B9FF85

# Triad

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



FFF067



00FFFF



FFBDFD

# Complementary

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



FFF067



6776FF

# 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.



FFD4FF



FFF067



00FFFF

# Square

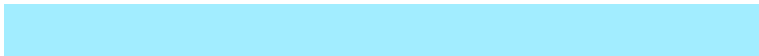
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF067



00FFFF



A2EDFF



FFB5DB

# Rectangle

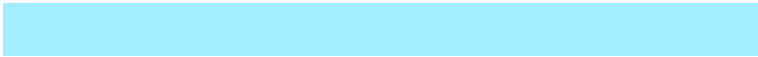
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF067



7EFFA8



A2EDFF



FFC3FF



# Sweetspot

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



FFF067



FFFAD1



FF6776



807D63



000000



808080



# Same Dimension

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



FFF067



FFED47



C2FF67



807E73



BFAC00



403900



# Inverse Universe

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



6776FF



475AFF



A467FF



737480



0013BF



000640



# Previews

## White Background



This preview shows how the Hex color FFF067 looks on a white background.

## Color Contrast Check

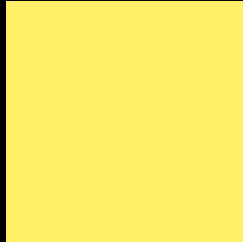
Large Text (above 18pt) WCAG AA × Fail

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 FFF067 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 FFF067 Background



This preview shows how black text looks on a background with the Hex color FFF067.

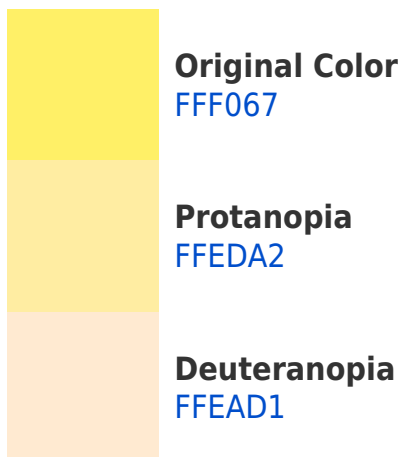


This preview shows how white text looks on a background with the Hex color FFF067.

# 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**  
FFE6F0

# Trichromacy



**Original Color**  
FFF067



**Protanomaly**  
FFEE8D



**Deuteranomaly**  
FFECAA

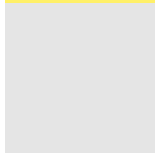


**Tritanomaly**  
FFEABE

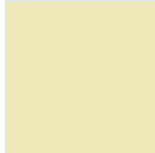
# Monochromacy



**Original Color**  
FFF067



**Achromatopsia**  
E5E5E5



**Achromatomaly**  
EEE9B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF067 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 #FFF067 looks like.

```
.text, #text, p{  
    color:#FFF067  
}
```

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 #FFF067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF067
}
```

## Border

The CSS property to change the border of an element to Hex FFF067 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
#FFF067 }
```

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

```
.border{ border-color:#FFF067 }
```

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

Here you see how a box with a 4 pixel #FFF067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF067; -webkit-box-shadow:4px 4px  
4px 4px #FFF067; box-shadow:4px 4px 4px  
4px #FFF067 }
```

# Background

The CSS property to change the background color of an element to Hex FFF067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF067 }
```

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

```
.background{ background-color:#FFF067 }
```

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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