

# Converting Colors

Hex(FFF769)

Have a look what the booklet for  
Hex(FFF769) contains.

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**Color**

**Hex(FFF769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF769
RGB	255, 247, 105
RGB Percent	100%, 97%, 41%
CMY	0.0000, 0.0314, 0.5882
CMYK	0.00, 0.03, 0.59, 0.00
HSL	57°, 100%, 71%
HSV	57°, 59%, 100%
XYZ	77.0506, 88.8014, 26.4440
YIQ	233.2040, 50.3500, -42.4660

# Conversions

## Conversions Part 2

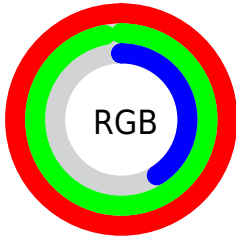
Format	Color
<a href="#">RYB</a>	<a href="#">113, 255, 105</a>
Decimal	<a href="#">16775017</a>
CIELab	<a href="#">95.50, -14.38, 67.45</a>
CIELCh	<a href="#">95, 68.971, 102.035</a>
Yxy	<a href="#">88.8014, 0.4007, 0.4618</a>
Android (android.graphics.Color)	<a href="#">4294965097 (0xFFFFFFFF769)</a>
YUV	<a href="#">233.2040, -63.2046, 19.1151</a>
Hunter-Lab	<a href="#">94.2345, -18.9604, 49.3263</a>

# Details

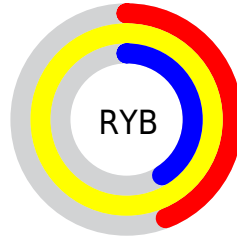
The Hex color **FFF769** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6971FF**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFA1**, and **C3BF30** is the 20% darker color. If you saturate the color by 10%, you get **FFF650**, and if you desaturate by 10%, it is **FFF883**.

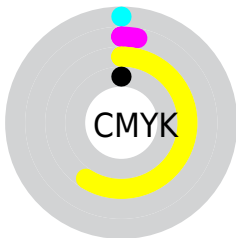
# Distribution



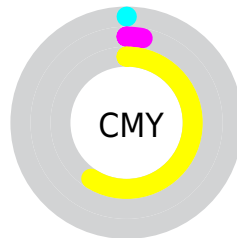
- Red (100%)
- Green (97%)
- Blue (41%)



- Red (44%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (3%)
- Yellow (59%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF769 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 FFF769 by changing the saturation by 10% instead.



 FFF769

 FFF769

FFFFFF

 E1DB4D

 FFFFA1

 C3BF30

 FFFFBD

 A6A405

 FFFFDA

 8A8A00

 FFFFF8

 6E7100

 535800

 384100

 1E2B00

 001800

 FFF769

 FFF769

 FFF650

 FFF883

 FFF436

 FFFA9C

 FFF31C

 FFFBB5

 FFF203

 FFFCCF

 FFF100

 FFFEE9

FFFFFF

# Harmonies

## Analogous

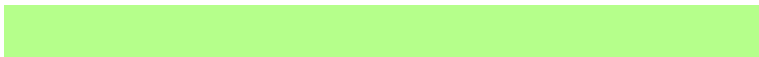
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE071



FFF769



B5FF8B

# Triad

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



FFF769



00FFFF



FFBFFF

# Complementary

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



FFF769



6971FF

# 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.



FFD6FF



FFF769



00FFFF

# Square

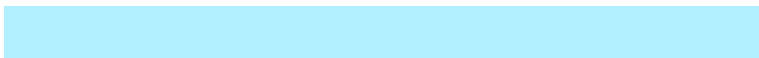
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF769



00FFFF



B0F0FF



FFB9DA

# Rectangle

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



FFF769



75FFB1



B0F0FF



FFC5FF



# Sweetspot

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



FFF769



FFFDD1



FF6973



807E63



000000



808080



# Same Dimension

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



FFF769



FFF54A



BEFF69



807F73



BFB500



403C00



# Inverse Universe

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



6971FF



4A54FF



AA69FF



737380



000ABF

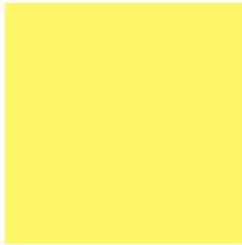


000340



# Previews

## White Background



This preview shows how the Hex color FFF769 looks on a white background.

## Color Contrast Check

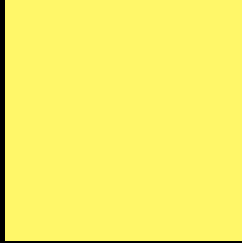
Large Text (above 18pt) WCAG AA × Fail

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 FFF769 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 FFF769 Background



This preview shows how black text looks on a background with the Hex color FFF769.


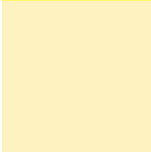
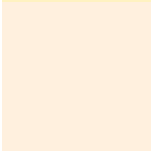


This preview shows how white text looks on a background with the Hex color FFF769.

# 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](#).

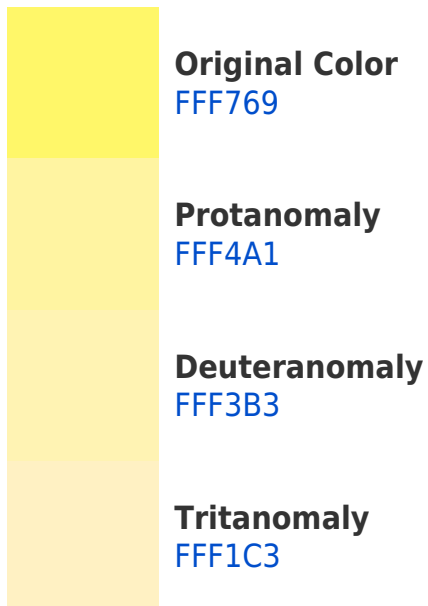
## Dichromacy

	<b>Original Color</b> FFF769
	<b>Protanopia</b> FFF2C1
	<b>Deuteranopia</b> FFF0DE

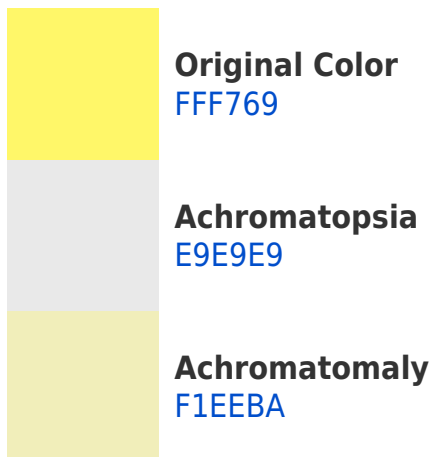


**Tritanopia**  
FFEDF6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF769 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 #FFF769 looks like.

```
.text, #text, p{  
    color:#FFF769  
}
```

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 #FFF769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF769
}
```

## Border

The CSS property to change the border of an element to Hex FFF769 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
#FFF769 }
```

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

```
.border{ border-color:#FFF769 }
```

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

Here you see how a box with a 4 pixel #FFF769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF769; -webkit-box-shadow:4px 4px  
4px 4px #FFF769; box-shadow:4px 4px 4px  
4px #FFF769 }
```

# Background

The CSS property to change the background color of an element to Hex FFF769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF769 }
```

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

```
.background{ background-color:#FFF769 }
```

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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