

# Converting Colors

Hex(FFF897)

Have a look what the booklet for  
Hex(FFF897) contains.

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**Color**

**Hex(FFF897)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF897
RGB	255, 248, 151
RGB Percent	100%, 97%, 59%
CMY	0.0000, 0.0275, 0.4078
CMYK	0.00, 0.03, 0.41, 0.00
HSL	56°, 100%, 80%
HSV	56°, 41%, 100%
XYZ	80.3933, 90.6292, 42.5342
YIQ	239.0350, 35.3090, -28.6830

# Conversions

## Conversions Part 2

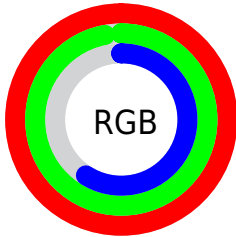
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 255, 151
Decimal	16775319
CIELab	96.26, -11.01, 47.34
CIELCh	96, 48.607, 103.091
Yxy	90.6292, 0.3764, 0.4244
Android (android.graphics.Color)	4294965399 (0xFFFFFFFF897)
YUV	239.0350, -43.4013, 14.0013
Hunter-Lab	95.1994, -15.8604, 40.1493

# Details

The Hex color **FFF897** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **979EFF**, and the grayscale version is **EFEFEF**.

A 20% lighter version of the original color is **FFFCE**, and **C5C062** is the 20% darker color. If you saturate the color by 10%, you get **FFF67E**, and if you desaturate by 10%, it is **FFFAB1**.

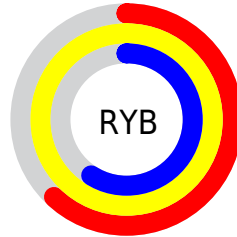
# Distribution



Red (100%)

Green (97%)

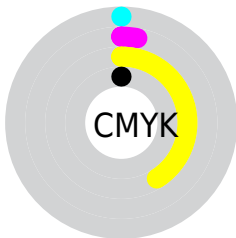
Blue (59%)



Red (62%)

Yellow (100%)

Blue (59%)

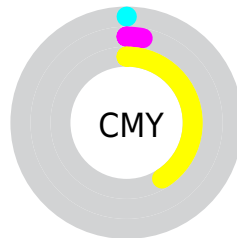


Cyan (0%)

Magenta (3%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF897 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 FFF897 by changing the saturation by 10% instead.



 FFF897

 FFF897

FFFFFF

 E2DC7C

 FFFFCE

 C5C062

 FFFFEB

 A8A549

 8D8B2F

 727113

 585900

 3F4200

 252C00

 071800

 FFF897

 FFF897

 FFF67E

 FFFAB1

 FFF564

 FFFBCA

 FFF34B

 FFFDE4

 FFF131

 FFFFFD

 FFEF18

 FFFFFF

 FFEE00

# Harmonies

## Analogous

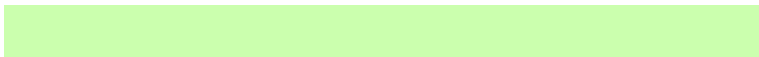
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE89A



FFF897



CBFFAE

# Triad

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



FFF897



36FFFF



FFD3FF

# Complementary

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



FFF897



979EFF

# 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.



FFE1FF



FFF897



82FFFF

# Square

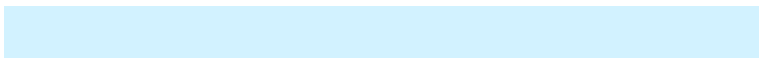
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFF897



4EFFFF



D2F2FF



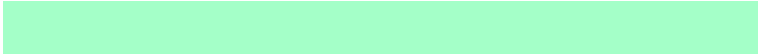
FFD0E1

# Rectangle

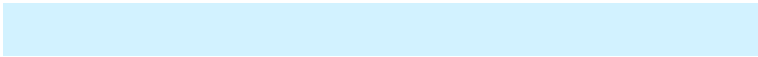
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF897



A4FFC8



D2F2FF



FFD7FF



# Sweetspot

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



FFF897



FFFDE0



FF97A0



807E6E



000000

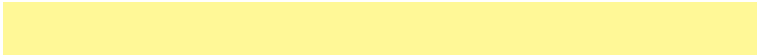


808080



# Same Dimension

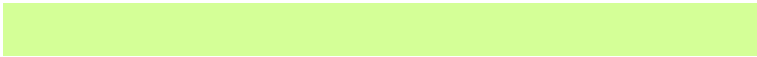
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFF897



FFF782



D4FF97



807F73



BFB200



403B00



# Inverse Universe

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



979EFF



828AFF



C297FF



737480



000DBF

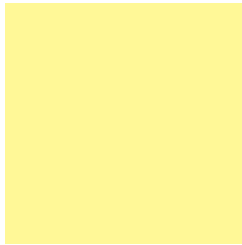


000440



# Previews

## White Background



This preview shows how the Hex color FFF897 looks on a white background.

## Color Contrast Check

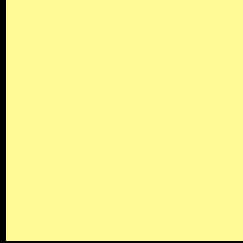
Large Text (above 18pt) WCAG AA × Fail

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 FFF897 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

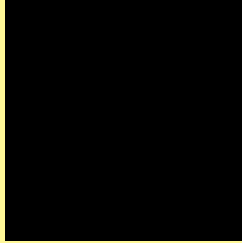
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFF897 Background



This preview shows how black text looks on a background with the Hex color FFF897.

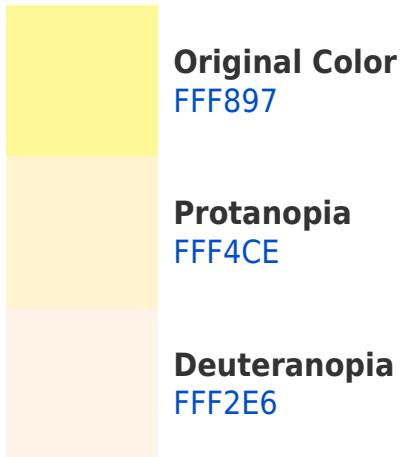


This preview shows how white text looks on a background with the Hex color FFF897.

# 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**  
FFF0F9

# Trichromacy



**Original Color**  
FFF897



**Protanomaly**  
FFF5BA



**Deuteranomaly**  
FFF4C9

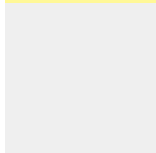


**Tritanomaly**  
FFF3D5

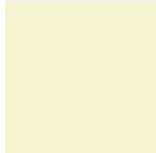
# Monochromacy



**Original Color**  
FFF897



**Achromatopsia**  
EFEFEF



**Achromatomaly**  
F5F2CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF897 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 #FFF897 looks like.

```
.text, #text, p{  
    color:#FFF897  
}
```

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 #FFF897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF897
}
```

## Border

The CSS property to change the border of an element to Hex FFF897 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
#FFF897 }
```

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

```
.border{ border-color:#FFF897 }
```

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

Here you see how a box with a 4 pixel #FFF897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF897; -webkit-box-shadow:4px 4px  
4px 4px #FFF897; box-shadow:4px 4px 4px  
4px #FFF897 }
```

# Background

The CSS property to change the background color of an element to Hex FFF897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF897 }
```

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

```
.background{ background-color:#FFF897 }
```

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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