

# Converting Colors

Hex(FFF57F)

Have a look what the booklet for  
Hex(FFF57F) contains.

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# **Color**

**Hex(FFF57F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF57F
RGB	255, 245, 127
RGB Percent	100%, 96%, 50%
CMY	0.0000, 0.0392, 0.5020
CMYK	0.00, 0.04, 0.50, 0.00
HSL	55°, 100%, 75%
HSV	55°, 50%, 100%
XYZ	77.7232, 88.0971, 32.9867
YIQ	234.5380, 43.8380, -34.5780

# Conversions

## Conversions Part 2

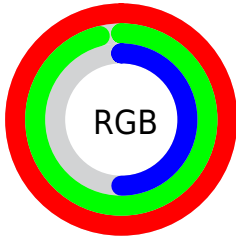
Format	Color
R <sub>Y</sub> B	138, 255, 127
Decimal	16774527
CIE Lab	95.20, -11.75, 57.40
CIE LCh	95, 58.594, 101.573
Yxy	88.0971, 0.3909, 0.4431
Android (android.graphics.Color)	4294964607 (0xFFFFF57F)
YUV	234.5380, -53.0162, 17.9452
Hunter-Lab	93.8601, -16.4437, 44.8649

# Details

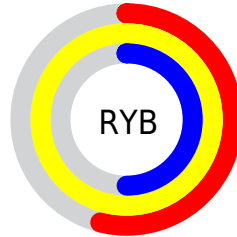
The Hex color **FFF57F** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7F89FF**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFB6**, and **C4BD49** is the 20% darker color. If you saturate the color by 10%, you get **FFF366**, and if you desaturate by 10%, it is **FFF799**.

# Distribution



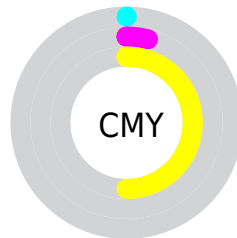
- Red (100%)
- Green (96%)
- Blue (50%)



- Red (54%)
- Yellow (100%)
- Blue (50%)



- Cyan (0%)
- Magenta (4%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFF57F 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 FFF57F by changing the saturation by 10% instead.



 FFF57F

 FFF57F

FFFFFF

 E1D964

 FFFFB6

 C4BD49

 FFFFD3

 A7A22E

 FFFFF0

 8B880D

 706F00

 555700

 3B3F00

 222A00

 001600

 FFF57F

 FFF57F

 FFF366

 FFF799

 FFF14C

 FFF9B2

 FFEF33

 FFFBCC

 FFED19

 FFFDE5

 FFEB00

FFFFFF

# Harmonies

## Analogous

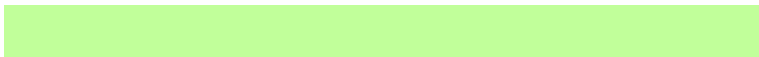
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE285



FFF57F



C1FF9A

# Triad

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



FFF57F



00FFFF



FFC8FF

# Complementary

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



FFF57F



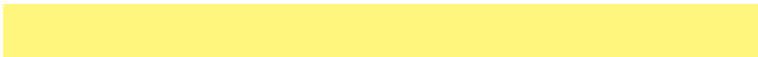
7F89FF

# 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.



FFDAFF



FFF57F



30FFFF

# Square

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



FFF57F



00FFFF



BEF0FF



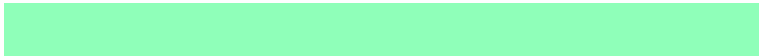
FFC3DD

# Rectangle

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



FFF57F



8FFFB9



BEF0FF



FFCDFD

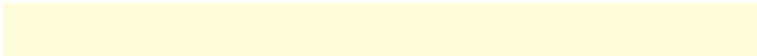


# Sweetspot

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



FFF57F



FFCD9



FF7F8A



807E69



000000



808080



# Same Dimension

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



FFF57F



FFF366



CAFF7F



807F73



BFB000



403B00



# Inverse Universe

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



7F89FF



6672FF



B47FFF



737480



000FBF

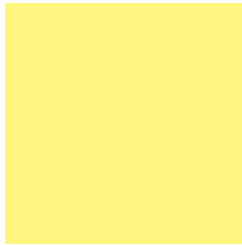


000540



# Previews

## White Background



This preview shows how the Hex color FFF57F looks on a white background.

## Color Contrast Check

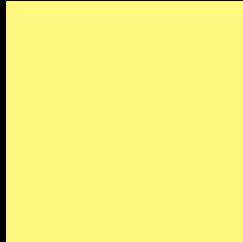
Large Text (above 18pt) WCAG AA × Fail

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 FFF57F 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 FFF57F Background



This preview shows how black text looks on a background with the Hex color FFF57F.

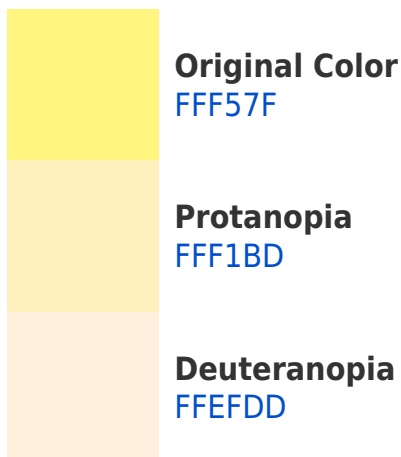


This preview shows how white text looks on a background with the Hex color FFF57F.

# 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**  
FFECF5

# Trichromacy



**Original Color**  
FFF57F



**Protanomaly**  
FFF2A6



**Deuteranomaly**  
FFF1BB

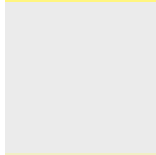


**Tritanomaly**  
FFEFC4

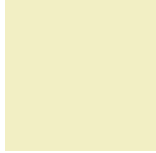
# Monochromacy



**Original Color**  
FFF57F



**Achromatopsia**  
EBEBEB



**Achromatomaly**  
F2EFC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFF57F 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 #FFF57F looks like.

```
.text, #text, p{  
    color:#FFF57F  
}
```

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 #FFF57F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF57F
}
```

## Border

The CSS property to change the border of an element to Hex FFF57F 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
#FFF57F }
```

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

```
.border{ border-color:#FFF57F }
```

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

Here you see how a box with a 4 pixel #FFF57F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF57F; -webkit-box-shadow:4px 4px  
4px 4px #FFF57F; box-shadow:4px 4px 4px  
4px #FFF57F }
```

# Background

The CSS property to change the background color of an element to Hex FFF57F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF57F }
```

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

```
.background{ background-color:#FFF57F }
```

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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