

# Converting Colors

Hex(F3FE7F)

Have a look what the booklet for  
Hex(F3FE7F) contains.

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# **Color**

**Hex(F3FE7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3FE7F
RGB	243, 254, 127
RGB Percent	95%, 100%, 50%
CMY	0.0471, 0.0039, 0.5020
CMYK	0.04, 0.00, 0.50, 0.00
HSL	65°, 98%, 75%
HSV	65°, 50%, 100%
XYZ	76.2347, 91.4706, 33.7163
YIQ	236.2330, 34.2110, -41.8290

# Conversions

## Conversions Part 2

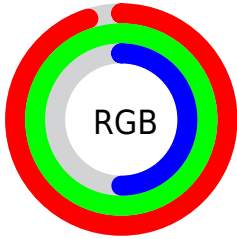
Format	Color
<b>R<sub>YB</sub></b>	127, 254, 138
Decimal	15990399
CIE <sub>Lab</sub>	96.60, -20.80, 58.84
CIE <sub>LCh</sub>	97, 62.405, 109.470
Yxy	91.4706, 0.3785, 0.4541
Android (android.graphics.Color)	4294180479 (0xFFFF3FE7F)
YUV	236.2330, -53.8519, 5.9347
Hunter-Lab	95.6403, -25.0884, 46.0466

# Details

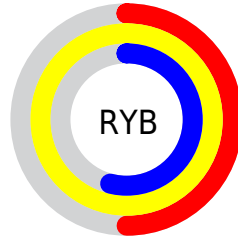
The Hex color **F3FE7F** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8A7FFE**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFB6**, and **B9C549** is the 20% darker color. If you saturate the color by 10%, you get **F1FE66**, and if you desaturate by 10%, it is **F5FE98**.

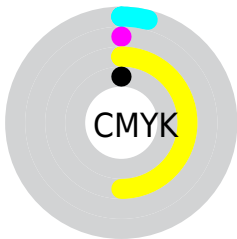
# Distribution



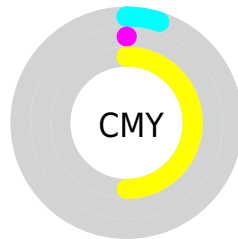
- Red (95%)
- Green (100%)
- Blue (50%)



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



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



- Cyan (5%)
- Magenta (0%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3FE7F 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 F3FE7F by changing the saturation by 10% instead.



 F3FE7F

 F3FE7F

FFFFFF

 D6E164

 FFFFB6

 B9C549

 FFFFD3

 9CAA2D

 FFFFF0

 809008

 657600

 4B5E00

 314600

 163000

 001C00

 F3FE7F

 F3FE7F

 F1FE66

 F5FE98

 EFFE4C

 F7FEB2

 ECFE33

 FAFECB

 EAFE19

 FCFEE5

 E8FE00

 FEFEFE

 FFFEFF

# Harmonies

## Analogous

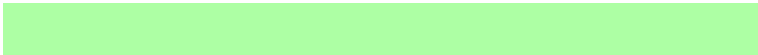
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEA7C



F3FE7F



ADFFA4

# Triad

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



F3FE7F



00FFFF



FFC5FF

# Complementary

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



F3FE7F



8A7FFE

# 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



F3FE7F



53FFFF

# Square

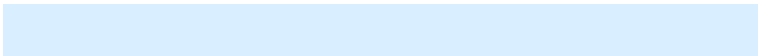
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F3FE7F



00FFFF



D9EEFF



FFC5D0

# Rectangle

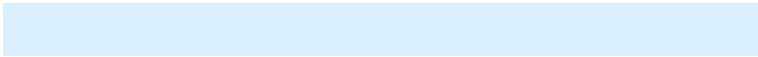
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3FE7F



71FFC9



D9EEFF



FFCAFF



# Sweetspot

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



F3FE7F



FCFFD9



FE8A7F



7E8069



000000



808080



# Same Dimension

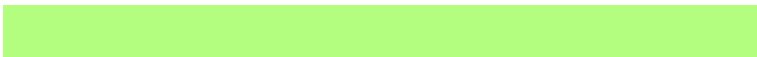
The Same Dimension uses a secret algorithm to generate beautiful new colors.



F3FE7F



F2FF66



B4FE7F



7E8073



AFBF00



3A4000



# Inverse Universe

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



8A7FFE



7366FF



C97FFE



747380



1100BF

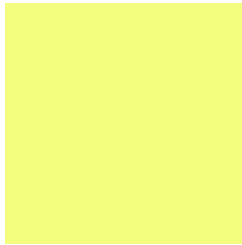


060040



# Previews

## White Background



This preview shows how the Hex color F3FE7F looks on a white background.

## Color Contrast Check

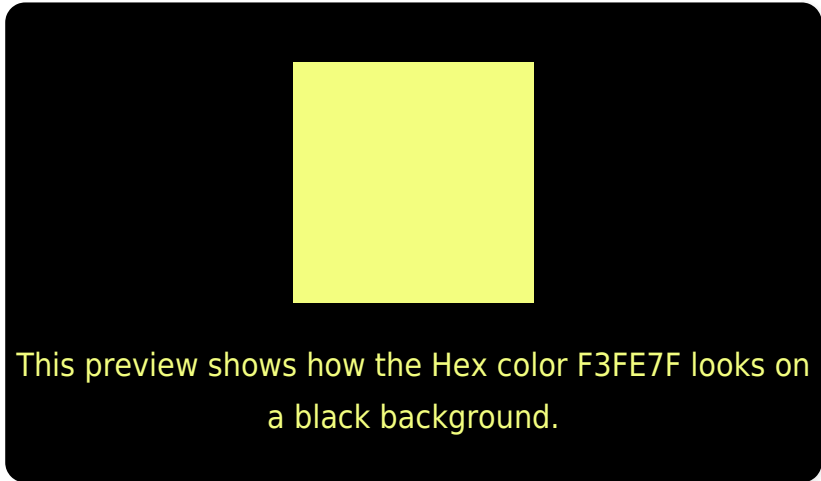
Large Text (above 18pt) WCAG AA × Fail

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 F3FE7F Background



This preview shows how black text looks on a background with the Hex color F3FE7F.

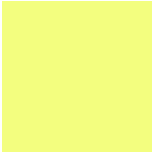
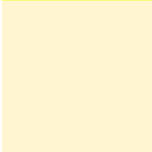
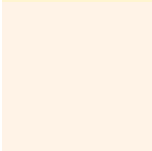


This preview shows how white text looks on a background with the Hex color F3FE7F.

# 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](#).

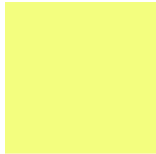
## Dichromacy

	<b>Original Color</b> F3FE7F
	<b>Protanopia</b> FFF5D1
	<b>Deuteranopia</b> FFF3E7

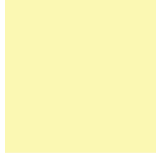


**Tritanopia**  
FEF1FF

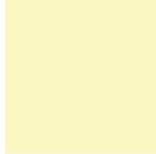
# Trichromacy



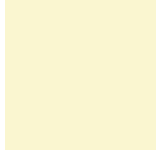
**Original Color**  
F3FE7F



**Protanomaly**  
FBF8B3

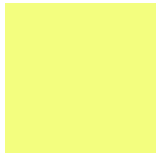


**Deuteranomaly**  
FBF7C1

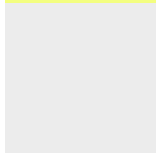


**Tritanomaly**  
FAF6D0

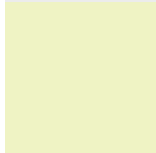
# Monochromacy



**Original Color**  
F3FE7F



**Achromatopsia**  
ECECEC



**Achromatomaly**  
EFF3C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3FE7F 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 #F3FE7F looks like.

```
.text, #text, p{  
    color:#F3FE7F  
}
```

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 #F3FE7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3FE7F
}
```

## Border

The CSS property to change the border of an element to Hex F3FE7F 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
#F3FE7F }
```

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

```
.border{ border-color:#F3FE7F }
```

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

Here you see how a box with a 4 pixel #F3FE7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3FE7F; -webkit-box-shadow:4px 4px  
4px 4px #F3FE7F; box-shadow:4px 4px 4px  
4px #F3FE7F }
```

# Background

The CSS property to change the background color of an element to Hex F3FE7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3FE7F }
```

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

```
.background{ background-color:#F3FE7F }
```

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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