

# Converting Colors

Hex(E7FB8F)

Have a look what the booklet for  
Hex(E7FB8F) contains.

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**Color**

**Hex(E7FB8F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7FB8F
RGB	231, 251, 143
RGB Percent	91%, 98%, 56%
CMY	0.0941, 0.0157, 0.4392
CMYK	0.08, 0.00, 0.43, 0.02
HSL	71°, 93%, 77%
HSV	71°, 43%, 98%
XYZ	72.4101, 87.9665, 39.1494
YIQ	232.7080, 22.7480, -37.8280

# Conversions

## Conversions Part 2

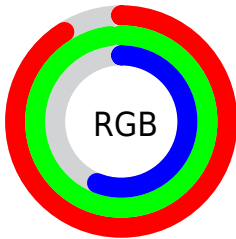
Format	Color
<a href="#">RYB</a>	<a href="#">143, 251, 163</a>
Decimal	<a href="#">15203215</a>
<a href="#">CIELab</a>	<a href="#">95.15, -22.42, 49.42</a>
<a href="#">CIElCh</a>	<a href="#">95, 54.265, 114.408</a>
<a href="#">Yxy</a>	<a href="#">87.9665, 0.3629, 0.4409</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293393295 (0xFFE7FB8F)</a>
<a href="#">YUV</a>	<a href="#">232.7080, -44.2260, -1.4979</a>
<a href="#">Hunter-Lab</a>	<a href="#">93.7904, -26.3239, 40.9048</a>

# Details

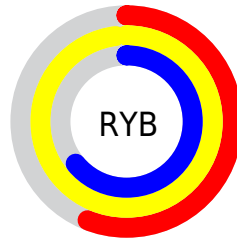
The Hex color **E7FB8F** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **A38FFB**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFC6**, and **AEC25A** is the 20% darker color. If you saturate the color by 10%, you get **E2FB76**, and if you desaturate by 10%, it is **ECFBA8**.

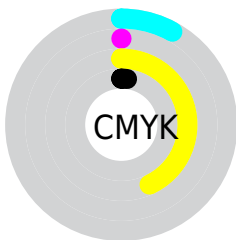
# Distribution



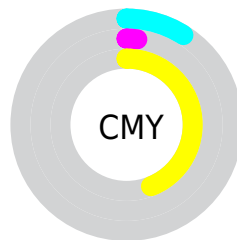
- Red (91%)
- Green (98%)
- Blue (56%)



- Red (56%)
- Yellow (98%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (43%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7FB8F 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 E7FB8F by changing the saturation by 10% instead.



 E7FB8F

FFFFFF

 FFFFC6

 FFFF E3

 E7FB8F

 CADE74

 AEC25A

 92A740

 778D26

 5D7304

 435B00

 2A4300

 0F2D00

 001B00

 E7FB8F

 E7FB8F

 E2FB76

 ECFBA8

 DEFB5D

 F0FBC1

 D9FB44

 F5FBDA

 D4FB2B

 FAFBF3

 D0FB11

 FEFBFF

 CDFB00

 FFFBFF

# Harmonies

## Analogous

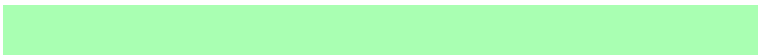
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEB87



E7FB8F



A9FFB2

# Triad

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



E7FB8F



00FFFF



FFC8FD

# Complementary

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



E7FB8F



A38FFB

# 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



E7FB8F



8CF9FF

# Square

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



E7FB8F



00FFFF



E8E7FF



FFCAC8

# Rectangle

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



E7FB8F



78FFD3



E8E7FF



FFCBFF

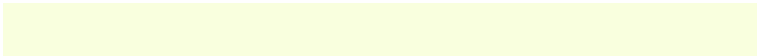


# Sweetspot

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



E7FB8F



F9FFDE



FBA38F



7C806B



000000



808080



# Same Dimension

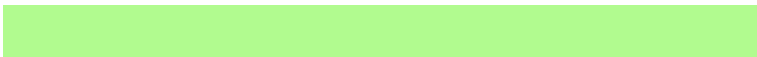
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E7FB8F



E6FF7A



B1FB8F



7B7D70



9ABD00



323D00



# Inverse Universe

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



A38FFB



937AFF



D98FFB



73707D



2300BD

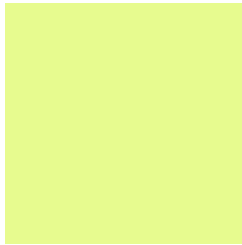


0B003D



# Previews

## White Background



This preview shows how the Hex color E7FB8F looks on a white background.

## Color Contrast Check

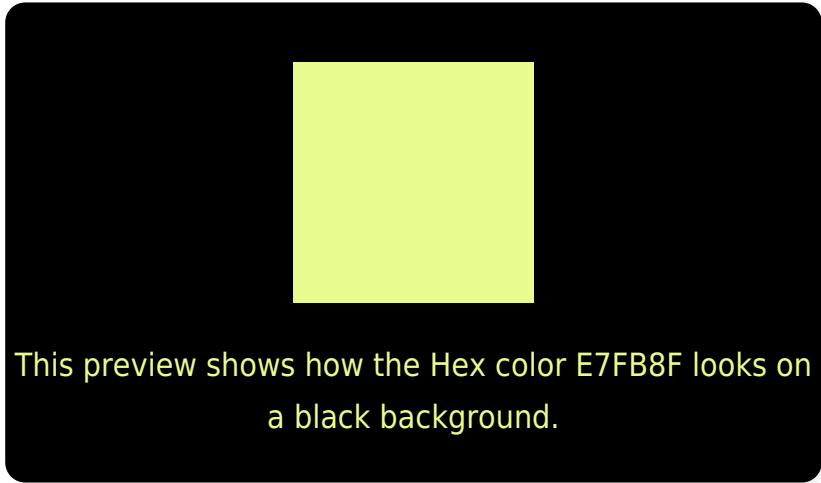
Large Text (above 18pt) WCAG AA × Fail

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

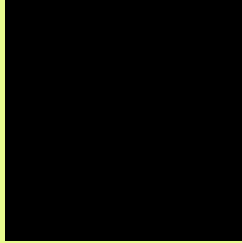
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7FB8F Background



This preview shows how black text looks on a background with the Hex color E7FB8F.

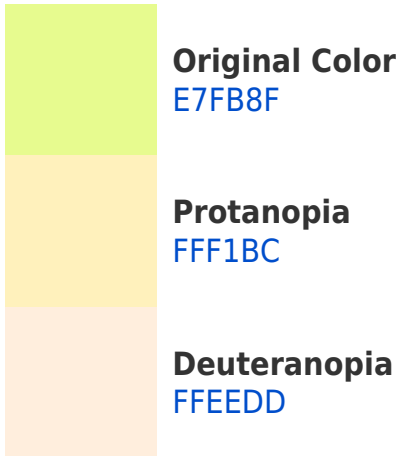


This preview shows how white text looks on a background with the Hex color E7FB8F.

# 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



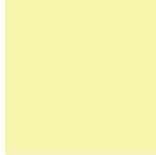


**Tritanopia**  
F4EEFF

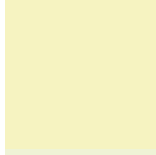
# Trichromacy



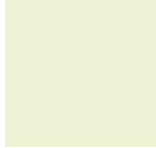
**Original Color**  
E7FB8F



**Protanomaly**  
F6F5AC



**Deuteranomaly**  
F6F3C1

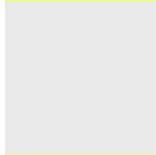


**Tritanomaly**  
EFF3D6

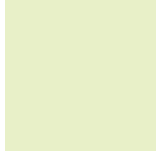
# Monochromacy



**Original Color**  
E7FB8F



**Achromatopsia**  
E9E9E9



**Achromatomaly**  
E8F0C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7FB8F 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 #E7FB8F looks like.

```
.text, #text, p{  
    color:#E7FB8F  
}
```

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 #E7FB8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7FB8F
}
```

## Border

The CSS property to change the border of an element to Hex E7FB8F 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
#E7FB8F }
```

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

```
.border{ border-color:#E7FB8F }
```

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

Here you see how a box with a 4 pixel #E7FB8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7FB8F; -webkit-box-shadow:4px 4px  
4px 4px #E7FB8F; box-shadow:4px 4px 4px  
4px #E7FB8F }
```

# Background

The CSS property to change the background color of an element to Hex E7FB8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7FB8F }
```

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

```
.background{ background-color:#E7FB8F }
```

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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