

# Converting Colors

Hex(E7FFB1)

Have a look what the booklet for  
Hex(E7FFB1) contains.

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# Color

**Hex(E7FFB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7FFB1
RGB	231, 255, 177
RGB Percent	91%, 100%, 69%
CMY	0.0941, 0.0000, 0.3059
CMYK	0.09, 0.00, 0.31, 0.00
HSL	78°, 100%, 85%
HSV	78°, 31%, 100%
XYZ	76.6508, 91.6832, 55.2517
YIQ	238.9320, 10.7340, -29.3460

# Conversions

## Conversions Part 2

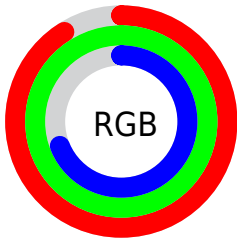
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 255, 201
Decimal	15204273
CIELab	96.69, -20.33, 34.77
CIELCh	97, 40.279, 120.317
Yxy	91.6832, 0.3428, 0.4101
Android (android.graphics.Color)	4293394353 (0xFFE7FFB1)
YUV	238.9320, -30.5325, -6.9564
Hunter-Lab	95.7514, -24.6722, 32.8137

# Details

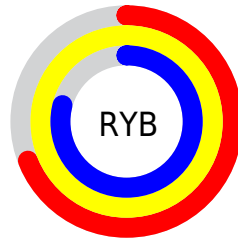
The Hex color **E7FFB1** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **C9B1FF**, and the grayscale version is **EFEFEF**.

A 20% lighter version of the original color is **FFFFE9**, and **AFC67C** is the 20% darker color. If you saturate the color by 10%, you get **DFFF97**, and if you desaturate by 10%, it is **EFFFCB**.

# Distribution



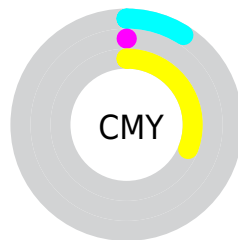
- Red (91%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7FFB1 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 E7FFB1 by changing the saturation by 10% instead.



 E7FFB1

FFFFFF

 FFFFE9

 E7FFB1

 CAE296

 AFC67C

 93AB62

 799049

 5F7731

 465E19

 2E4600

 173000

 001C00

 E7FFB1

 E7FFB1

 DFFF97

 EFFFEB

 D7FF7E

 F7FFE4

 CFFF64

FFFFFFE

 C8FF4B

FFFFFFF

 C0FF31

 B8FF18

 B1FF00

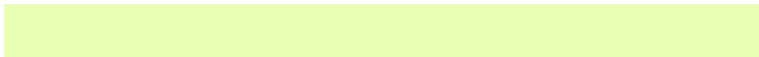
# Harmonies

## Analogous

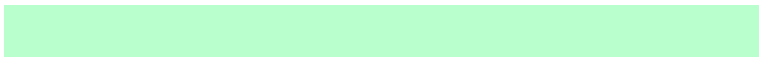
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF3A7



E7FFB1



B9FFCE

# Triad

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



E7FFB1



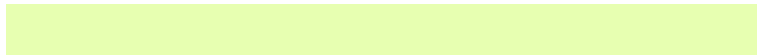
8CFFFF



FFD8F7

# Complementary

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



E7FFB1



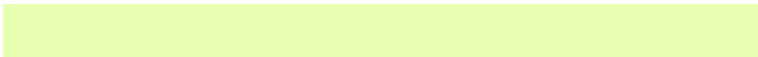
C9B1FF

# 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.



FFDFFF



E7FFB1



C2F9FF

# Square

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



E7FFB1



76FFFF



FBEBFF



FFDBD0

# Rectangle

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



E7FFB1



9BFFE7



FBEBFF



FFD9FF



# Sweetspot

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



E7FFB1



F8FFE8



FFC8B1



7B8071



000000



808080



# Same Dimension

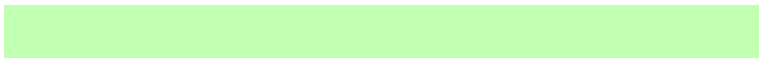
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E7FFB1



E2FFA1



C1FFB1



7C8073



84BF00



2C4000



# Inverse Universe

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



C9B1FF



BEA1FF



EFB1FF



777380



3B00BF

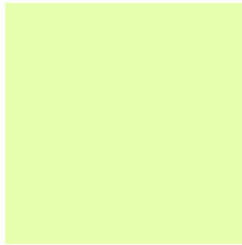


140040



# Previews

## White Background



This preview shows how the Hex color E7FFB1 looks on a white background.

## Color Contrast Check

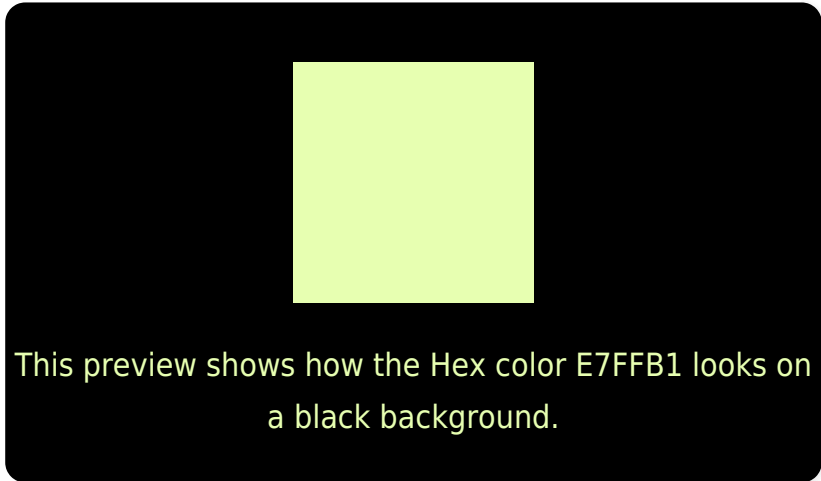
Large Text (above 18pt) WCAG AA × Fail

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

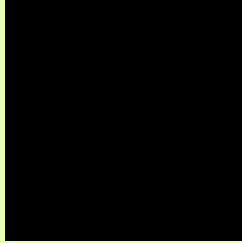
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7FFB1 Background



This preview shows how black text looks on a background with the Hex color E7FFB1.

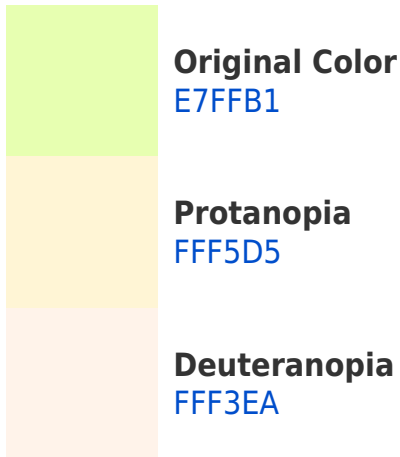


This preview shows how white text looks on a background with the Hex color E7FFB1.

# 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



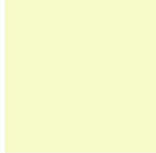


**Tritanopia**  
F4F5FF

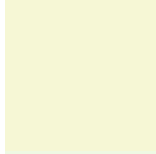
# Trichromacy



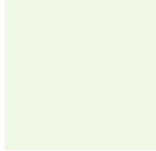
**Original Color**  
E7FFB1



**Protanomaly**  
F6F9C8

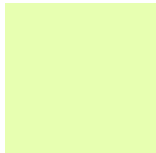


**Deuteranomaly**  
F6F7D5

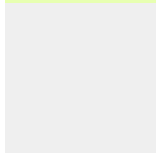


**Tritanomaly**  
EFF9E3

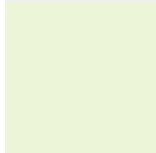
# Monochromacy



**Original Color**  
E7FFB1



**Achromatopsia**  
EFEFEF



**Achromatomaly**  
ECF5D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7FFB1 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 #E7FFB1 looks like.

```
.text, #text, p{  
    color:#E7FFB1  
}
```

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 #E7FFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7FFB1
}
```

## Border

The CSS property to change the border of an element to Hex E7FFB1 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
#E7FFB1 }
```

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

```
.border{ border-color:#E7FFB1 }
```

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

Here you see how a box with a 4 pixel #E7FFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7FFB1; -webkit-box-shadow:4px 4px  
4px 4px #E7FFB1; box-shadow:4px 4px 4px  
4px #E7FFB1 }
```

# Background

The CSS property to change the background color of an element to Hex E7FFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7FFB1 }
```

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

```
.background{ background-color:#E7FFB1 }
```

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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