

Converting Colors

Hex(E7FFB6)

Have a look what the booklet for
Hex(E7FFB6) contains.

Hex(E7FFB6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E7FFB6)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFB6
RGB	231, 255, 182
RGB Percent	91%, 100%, 71%
CMY	0.0941, 0.0000, 0.2863
CMYK	0.09, 0.00, 0.29, 0.00
HSL	80°, 100%, 86%
HSV	80°, 29%, 100%
XYZ	77.1585, 91.8863, 57.9251
YIQ	239.5020, 9.1290, -27.7910

Conversions

Conversions Part 2

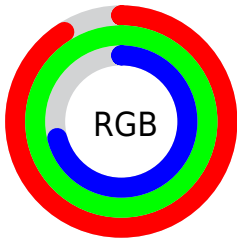
Format	Color
RYB	182, 255, 206
Decimal	15204278
CIELab	96.77, -19.67, 32.38
CIELCh	97, 37.885, 121.271
Yxy	91.8863, 0.3400, 0.4048
Android (android.graphics.Color)	4293394358 (0xFFE7FFB6)
YUV	239.5020, -28.3485, -7.4563
Hunter-Lab	95.8574, -24.0703, 31.2721

Details

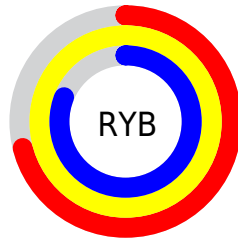
The Hex color **E7FFB6** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CEB6FF**, and the grayscale version is **F0F0F0**.

A 20% lighter version of the original color is **FFFFEE**, and **AFC680** is the 20% darker color. If you saturate the color by 10%, you get **DFFF9D**, and if you desaturate by 10%, it is **EFFFD0**.

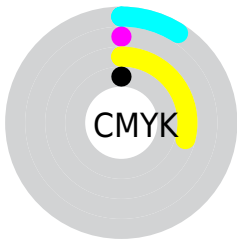
Distribution



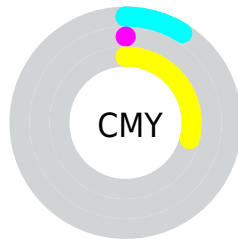
- Red (91%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (81%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7FFB6 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 E7FFB6 by changing the saturation by 10% instead.

 E7FFB6

FFFFFF

 FFFFEE

 E7FFB6

 CBE29B

 AFC680

 94AB67

 79904E

 607736

 475E1F

 2F4606

 193000

 001C00

 E7FFB6

 E7FFB6

 DFFF9D

 EFFF00

 D6FF83

 F8FFE9

 CEFF6A

FFFFFF

 C5FF50

 BDFF37

 B5FF1D

 ACFF04

 ABFF00

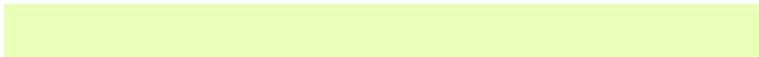
Harmonies

Analogous

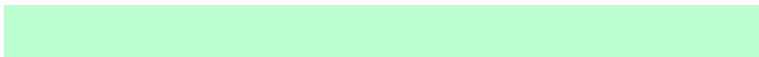
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF4AC



E7FFB6



BCFFD1

Triad

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



E7FFB6



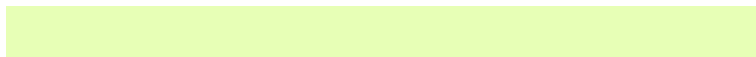
97FFFF



FFDBF6

Complementary

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



E7FFB6



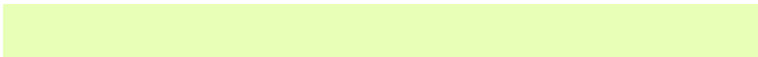
CEB6FF

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.



FFE0FF



E7FFB6



C9F9FF

Square

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



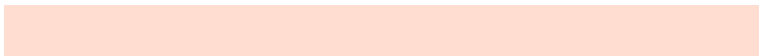
E7FFB6



82FFFF



FDECFE



FFDED1

Rectangle

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



E7FFB6



A1FFE9



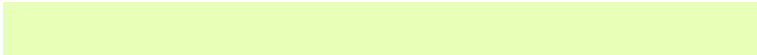
FDECFE



FFDBFF

Sweetspot

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



E7FFB6



F7FFE8



FFCDB6



7B8071



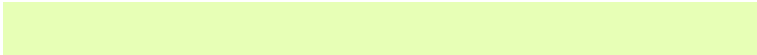
000000



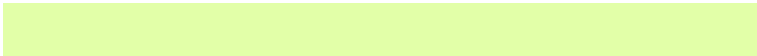
808080

Same Dimension

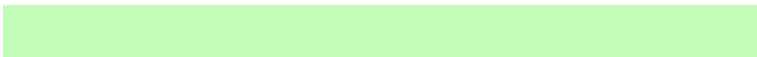
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E7FFB6



E2FFA8



C3FFB6



7B8073



80BF00



2B4000

Inverse Universe

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



CEB6FF



C5A8FF



F2B6FF



777380



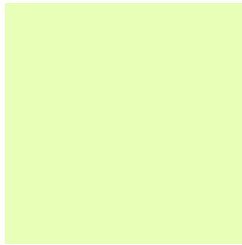
3F00BF



150040

Previews

White Background



This preview shows how the Hex color E7FFB6 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 E7FFB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

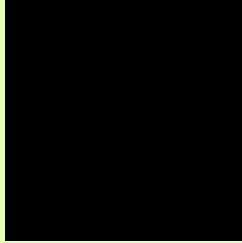
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

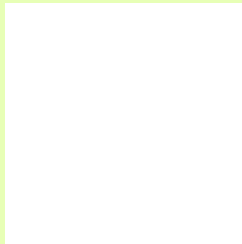
Any Text WCAG AAA ✓ Pass

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

Hex E7FFB6 Background



This preview shows how black text looks on a background with the Hex color E7FFB6.

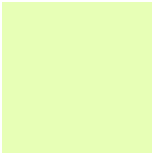
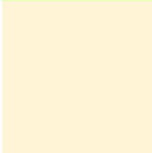
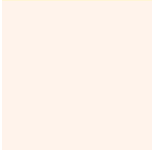


This preview shows how white text looks on a background with the Hex color E7FFB6.

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

	Original Color E7FFB6
	Protanopia FFF5D6
	Deuteranopia FFF3EB

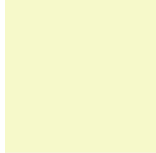


Tritanopia
F4F5FF

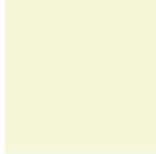
Trichromacy



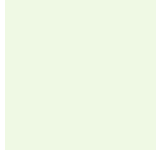
Original Color
E7FFB6



Protanomaly
F6F9CA

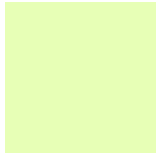


Deuteranomaly
F6F7D8

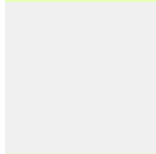


Tritanomaly
EFF9E4

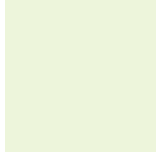
Monochromacy



Original Color
E7FFB6



Achromatopsia
F0F0F0



Achromatomaly
EDF5DB

CSS Examples

Text

The CSS property to change the color of the text to Hex E7FFB6 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 #E7FFB6 looks like.

```
.text, #text, p{  
    color:#E7FFB6  
}
```

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 #E7FFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7FFB6
}
```

Border

The CSS property to change the border of an element to Hex E7FFB6 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
#E7FFB6 }
```

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

```
.border{ border-color:#E7FFB6 }
```

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

Here you see how a box with a 4 pixel #E7FFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7FFB6; -webkit-box-shadow:4px 4px  
4px 4px #E7FFB6; box-shadow:4px 4px 4px  
4px #E7FFB6 }
```

Background

The CSS property to change the background color of an element to Hex E7FFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7FFB6 }
```

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

```
.background{ background-color:#E7FFB6 }
```

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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