

Converting Colors

Hex(E1F7B1)

Have a look what the booklet for
Hex(E1F7B1) contains.

Hex(E1F7B1)	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(E1F7B1)

Conversions

Conversions Part 1

Format	Color
Hex	E1F7B1
RGB	225, 247, 177
RGB Percent	88%, 97%, 69%
CMY	0.1176, 0.0314, 0.3059
CMYK	0.09, 0.00, 0.28, 0.03
HSL	79°, 81%, 83%
HSV	79°, 28%, 97%
XYZ	72.2479, 85.7034, 54.3295
YIQ	232.4420, 9.3580, -26.4340

Conversions

Conversions Part 2

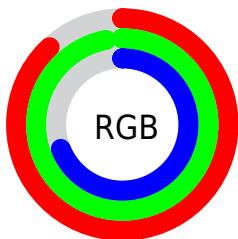
Format	Color
RYB	177, 247, 199
Decimal	14809009
CIELab	94.19, -18.62, 31.34
CIELCh	94, 36.458, 120.714
Yxy	85.7034, 0.3403, 0.4037
Android (android.graphics.Color)	4292999089 (0xFFE1F7B1)
YUV	232.4420, -27.3329, -6.5266
Hunter-Lab	92.5761, -22.7039, 30.0082

Details

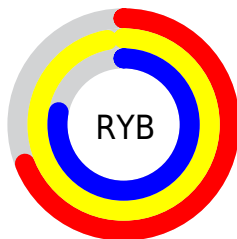
The Hex color **E1F7B1** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C7B1F7**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFE9**, and **A9BF7C** is the 20% darker color. If you saturate the color by 10%, you get **D9F798**, and if you desaturate by 10%, it is **E9F7CA**.

Distribution



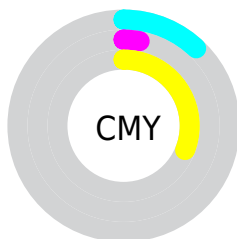
- Red (88%)
- Green (97%)
- Blue (69%)



- Red (69%)
- Yellow (97%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (28%)
- Black (3%)



- Cyan (12%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1F7B1 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 E1F7B1 by changing the saturation by 10% instead.

 E1F7B1

FFFFFF

 FFFFE9

 E1F7B1

 C5DA96

 A9BF7C

 8EA462

 74894A

 5B7032

 42571B

 2A4002

 142A00

 001700

 E1F7B1

 E1F7B1

 D9F798

 E9F7CA

 D1F780

 F1F7E2

 CAF767

 F8F7FB

 C2F74E

 FFF7FF

 BAF736

 B2F71D

 ABF704

 A9F700

Harmonies

Analogous

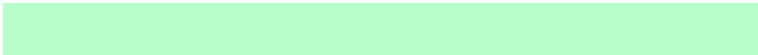
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFECA8



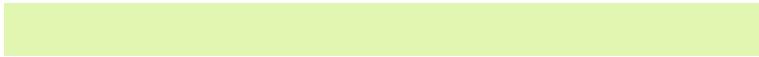
E1F7B1



B8FECB

Triad

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



E1F7B1



94FBFF



FFD4EF

Complementary

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



E1F7B1



C7B1F7

Split Complementary

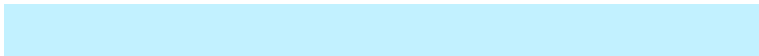
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDAFF



E1F7B1



C2F1FF

Square

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



E1F7B1



80FFFF



F5E5FF



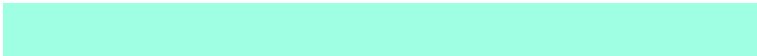
FFD7CC

Rectangle

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



E1F7B1



9EFFE2



F5E5FF



FFD5FB

Sweetspot

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



E1F7B1



F8FFE8



F7C6B1



7B8071



000000



808080

Same Dimension

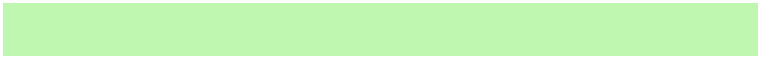
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E1F7B1



E4FFA8



BFF7B1



777A6E



80BA00



283B00

Inverse Universe

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



C7B1F7



C4A8FF



E9B1F7



726E7A



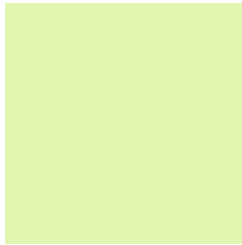
3B00BA



12003B

Previews

White Background



This preview shows how the Hex color E1F7B1 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 E1F7B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

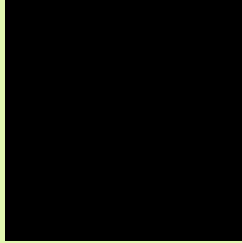
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

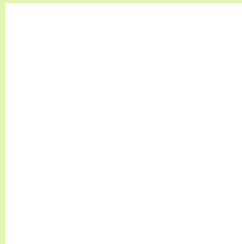
Any Text WCAG AAA ✓ Pass

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

Hex E1F7B1 Background



This preview shows how black text looks on a background with the Hex color E1F7B1.

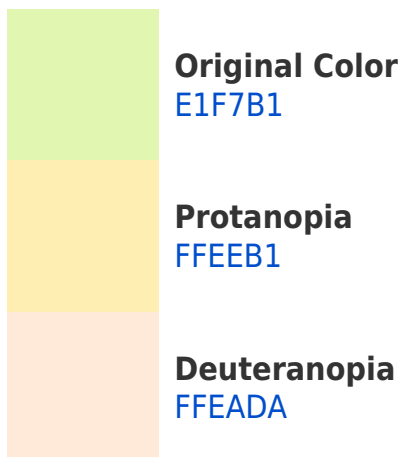


This preview shows how white text looks on a background with the Hex color E1F7B1.

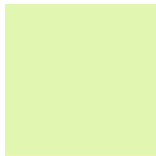
Color Blindness Simulation

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](#).

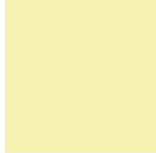
Dichromacy



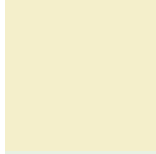
Trichromacy



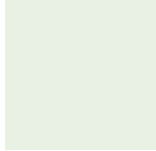
Original Color
E1F7B1



Protanomaly
F4F1B1

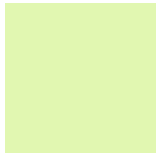


Deuteranomaly
F4EFCB

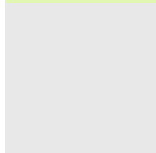


Tritanomaly
E8F1E3

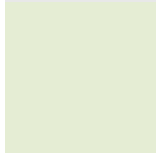
Monochromacy



Original Color
E1F7B1



Achromatopsia
E8E8E8



Achromatomaly
E5EDD4

CSS Examples

Text

The CSS property to change the color of the text to Hex E1F7B1 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 #E1F7B1 looks like.

```
.text, #text, p{  
    color:#E1F7B1  
}
```

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 #E1F7B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1F7B1
}
```

Border

The CSS property to change the border of an element to Hex E1F7B1 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
#E1F7B1 }
```

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

```
.border{ border-color:#E1F7B1 }
```

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

Here you see how a box with a 4 pixel #E1F7B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1F7B1; -webkit-box-shadow:4px 4px  
4px 4px #E1F7B1; box-shadow:4px 4px 4px  
4px #E1F7B1 }
```

Background

The CSS property to change the background color of an element to Hex E1F7B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1F7B1 }
```

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

```
.background{ background-color:#E1F7B1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor