

Converting Colors

Hex(E4F7B2)

Have a look what the booklet for
Hex(E4F7B2) contains.

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Color

Hex(E4F7B2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E4F7B2 |
| RGB | 228, 247, 178 |
| RGB Percent | 89%, 97%, 70% |
| CMY | 0.1059, 0.0314, 0.3020 |
| CMYK | 0.08, 0.00, 0.28, 0.03 |
| HSL | 77°, 81%, 83% |
| HSV | 77°, 28%, 97% |
| XYZ | 73.2916, 86.2299, 54.9006 |
| YIQ | 233.4530, 10.8250, -25.4870 |

Conversions

Conversions Part 2

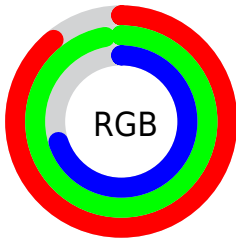
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 178, 247, 197 |
| Decimal | 15005618 |
| CIELab | 94.41, -17.40, 31.18 |
| CIELCh | 94, 35.707, 119.172 |
| Yxy | 86.2299, 0.3418, 0.4022 |
| Android (android.graphics.Color) | 4293195698 (0xFFE4F7B2) |
| YUV | 233.4530, -27.3383, -4.7823 |
| Hunter-Lab | 92.8600, -21.6205, 29.9486 |

Details

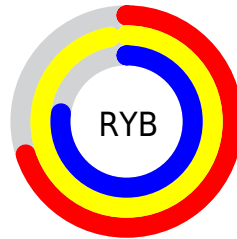
The Hex color **E4F7B2** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C5B2F7**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFEA**, and **ACBF7D** is the 20% darker color. If you saturate the color by 10%, you get **DDF799**, and if you desaturate by 10%, it is **EBF7CB**.

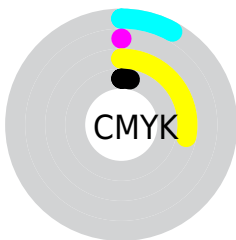
Distribution



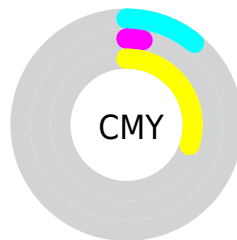
- Red (89%)
- Green (97%)
- Blue (70%)



- Red (70%)
- Yellow (97%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4F7B2 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 E4F7B2 by changing the saturation by 10% instead.

 E4F7B2

FFFFFF

 FFFFEA

 E4F7B2

 C8DA97

 ACBF7D

 91A463

 77894B

 5D7033

 45571C

 2D4004

 172A00

 001700

 E4F7B2

 E4F7B2

 DDF799

 EBF7CB

 D6F781

 F2F7E3

 D0F768

 F8F7FC

 C9F74F

 FFF7FF

 C2F736

 BBF71E

 B4F705

 B3F700

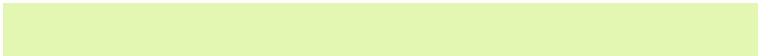
Harmonies

Analogous

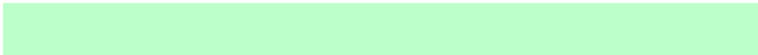
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEEAA



E4F7B2



BCFFCB

Triad

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



E4F7B2



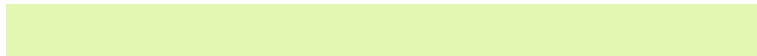
96FCFF



FFD6F1

Complementary

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



E4F7B2



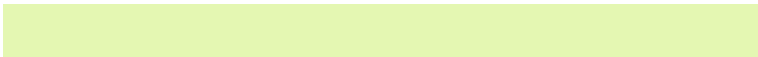
C5B2F7

Split Complementary

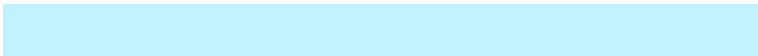
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDBFF



E4F7B2



C2F2FF

Square

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



E4F7B2



85FFFF



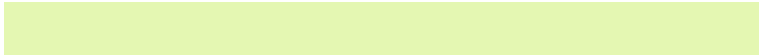
F3E6FF



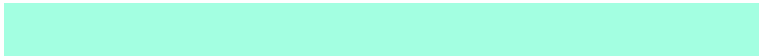
FFD8CF

Rectangle

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



E4F7B2



A3FFE1



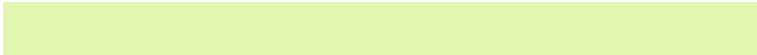
F3E6FF



FFD7FD

Sweetspot

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



E4F7B2



F9FFEB



F7C4B2



7C8073



000000



808080

Same Dimension

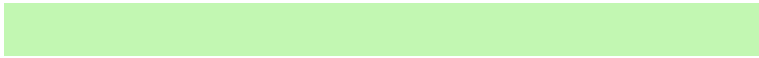
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E4F7B2



E7FFA8



C2F7B2



777A6E



87BA00



2B3B00

Inverse Universe

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



C5B2F7



C0A8FF



E7B2F7



726E7A



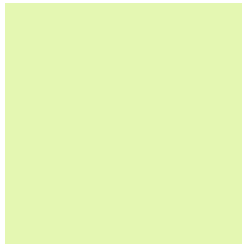
3300BA



10003B

Previews

White Background



This preview shows how the Hex color E4F7B2 looks on a white background.

Color Contrast Check

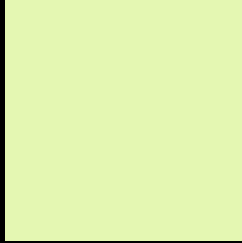
Large Text (above 18pt) WCAG AA × Fail

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 E4F7B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

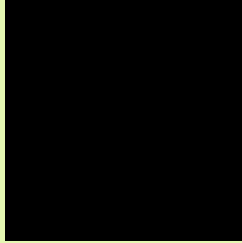
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

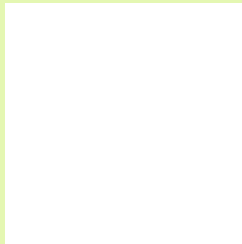
Any Text WCAG AAA ✓ Pass

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

Hex E4F7B2 Background



This preview shows how black text looks on a background with the Hex color E4F7B2.

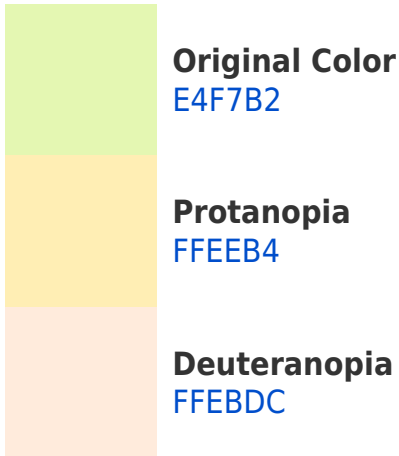


This preview shows how white text looks on a background with the Hex color E4F7B2.

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

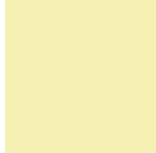


Trichromacy



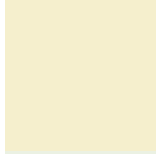
Original Color

E4F7B2



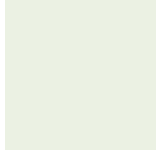
Protanomaly

F5F1B3



Deuteranomaly

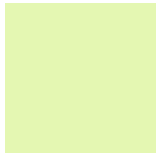
F5EFCD



Tritanomaly

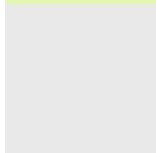
EBF1E3

Monochromacy



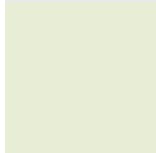
Original Color

E4F7B2



Achromatopsia

E9E9E9



Achromatomaly

E7EED5

CSS Examples

Text

The CSS property to change the color of the text to Hex E4F7B2 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 #E4F7B2 looks like.

```
.text, #text, p{  
    color:#E4F7B2  
}
```

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 #E4F7B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4F7B2
}
```

Border

The CSS property to change the border of an element to Hex E4F7B2 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
#E4F7B2 }
```

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

```
.border{ border-color:#E4F7B2 }
```

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

Here you see how a box with a 4 pixel #E4F7B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4F7B2; -webkit-box-shadow:4px 4px  
4px 4px #E4F7B2; box-shadow:4px 4px 4px  
4px #E4F7B2 }
```

Background

The CSS property to change the background color of an element to Hex E4F7B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4F7B2 }
```

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

```
.background{ background-color:#E4F7B2 }
```

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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