

# Converting Colors

Hex(E4F7B8)

Have a look what the booklet for  
Hex(E4F7B8) contains.

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# **Color**

**Hex(E4F7B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4F7B8
RGB	228, 247, 184
RGB Percent	89%, 97%, 72%
CMY	0.1059, 0.0314, 0.2784
CMYK	0.08, 0.00, 0.26, 0.03
HSL	78°, 80%, 85%
HSV	78°, 26%, 97%
XYZ	73.9074, 86.4762, 58.1436
YIQ	234.1370, 8.8990, -23.6210

# Conversions

## Conversions Part 2

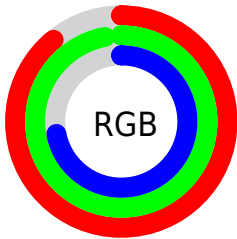
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 247, 203
Decimal	15005624
CIELab	94.52, -16.58, 28.28
CIELCh	95, 32.784, 120.374
Yxy	86.4762, 0.3382, 0.3957
Android (android.graphics.Color)	4293195704 (0xFFE4F7B8)
YUV	234.1370, -24.7175, -5.3821
Hunter-Lab	92.9926, -20.8712, 28.0237

# Details

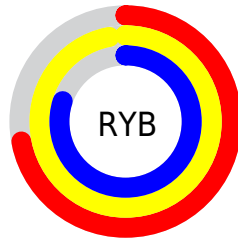
The Hex color **E4F7B8** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CBB8F7**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFF0**, and **ACBF83** is the 20% darker color. If you saturate the color by 10%, you get **DDF79F**, and if you desaturate by 10%, it is **EBF7D1**.

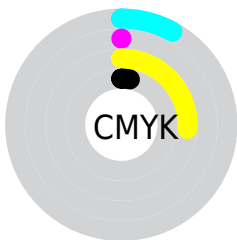
# Distribution



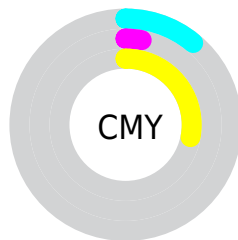
- Red (89%)
- Green (97%)
- Blue (72%)



- Red (72%)
- Yellow (97%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (26%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4F7B8 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 E4F7B8 by changing the saturation by 10% instead.



 E4F7B8

FFFFFFF

 FFFFFFF0

 E4F7B8

 C8DA9D

 ACBF83

 91A469

 778950

 5E7039

 455722

 2E400B

 192A00

 001700

 E4F7B8

 E4F7B8

 DDF79F

 EBF7D1

 D5F787

 F3F7E9

 CEF76E

 FAF7FF

 C6F755

 FFF7FF

 BFF73D

 B7F724

 B0F70B

 ADF700

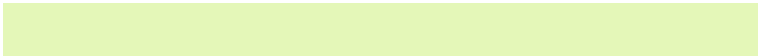
# Harmonies

## Analogous

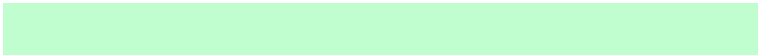
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEDB0



E4F7B8



C0FECF

# Triad

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



E4F7B8



A1FBFF



FFD8F0

# Complementary

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



E4F7B8



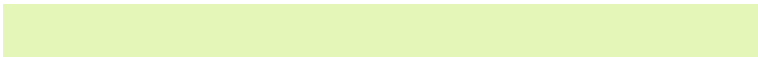
CBB8F7

# Split Complementary

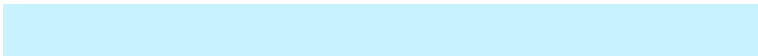
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDDFF



E4F7B8



C9F2FF

# Square

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



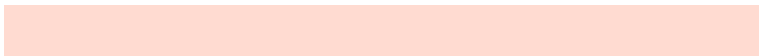
E4F7B8



91FFFF



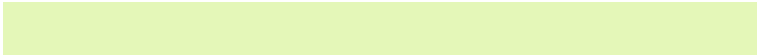
F5E7FF



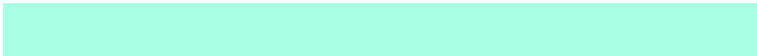
FFDBD1

# Rectangle

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



E4F7B8



A9FFE4



F5E7FF

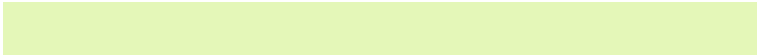


FFD9FB



# Sweetspot

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



E4F7B8



F9FFEB



F7CBB8



7C8073



000000

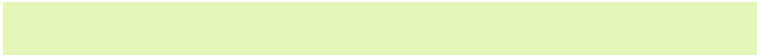


808080

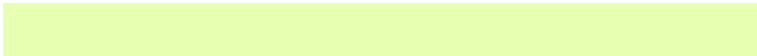


# Same Dimension

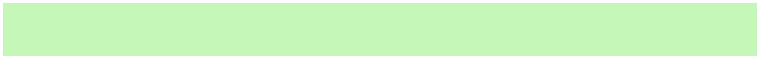
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E4F7B8



E7FFB0



C5F7B8



777A6E



82BA00



293B00



# Inverse Universe

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



CBB8F7



C8B0FF



EAB8F7



726E7A



3800BA

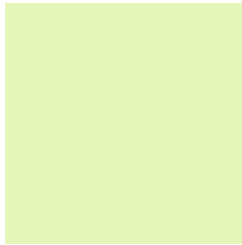


12003B



# Previews

## White Background



This preview shows how the Hex color E4F7B8 looks on a white background.

## Color Contrast Check

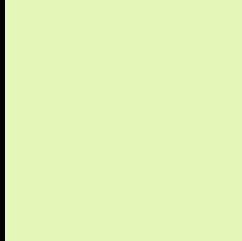
Large Text (above 18pt) WCAG AA × Fail

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 E4F7B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

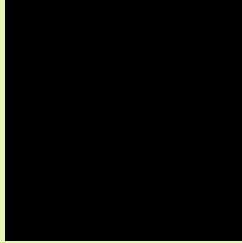
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

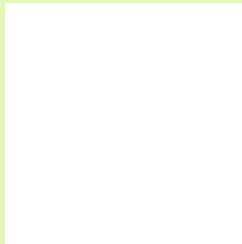
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4F7B8 Background



This preview shows how black text looks on a background with the Hex color E4F7B8.

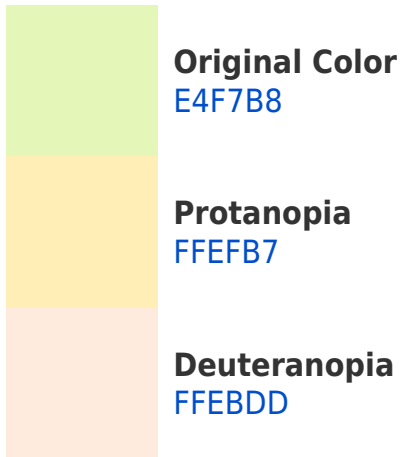


This preview shows how white text looks on a background with the Hex color E4F7B8.

# 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



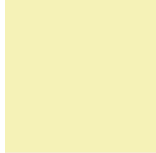


**Tritanopia**  
EEEEFF

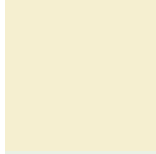
# Trichromacy



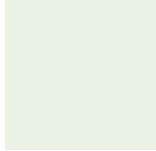
**Original Color**  
E4F7B8



**Protanomaly**  
F5F2B7

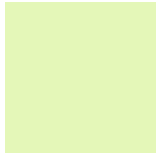


**Deuteranomaly**  
F5EFD0

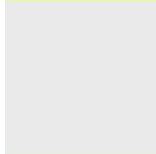


**Tritanomaly**  
EAF1E5

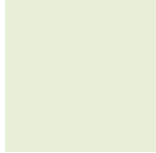
# Monochromacy



**Original Color**  
E4F7B8



**Achromatopsia**  
EAEAEA



**Achromatomaly**  
E8EFD8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4F7B8 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 #E4F7B8 looks like.

```
.text, #text, p{  
    color:#E4F7B8  
}
```

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 #E4F7B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4F7B8  
}
```

## Border

The CSS property to change the border of an element to Hex E4F7B8 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  
#E4F7B8 }
```

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

```
.border{ border-color:#E4F7B8 }
```

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

Here you see how a box with a 4 pixel #E4F7B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4F7B8; -webkit-box-shadow:4px 4px  
4px 4px #E4F7B8; box-shadow:4px 4px 4px  
4px #E4F7B8 }
```

# Background

The CSS property to change the background color of an element to Hex E4F7B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4F7B8 }
```

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

```
.background{ background-color:#E4F7B8 }
```

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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