

# Converting Colors

Hex(E4F5B0)

Have a look what the booklet for  
Hex(E4F5B0) contains.

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# **Color**

**Hex(E4F5B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4F5B0
RGB	228, 245, 176
RGB Percent	89%, 96%, 69%
CMY	0.1059, 0.0392, 0.3098
CMYK	0.07, 0.00, 0.28, 0.04
HSL	75°, 78%, 83%
HSV	75°, 28%, 96%
XYZ	72.4838, 84.9334, 53.6478
YIQ	232.0510, 12.0170, -25.0630

# Conversions

## Conversions Part 2

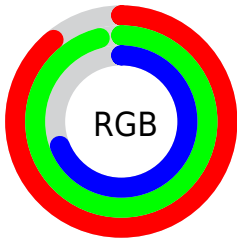
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 245, 193
Decimal	15005104
CIELab	93.85, -16.70, 31.44
CIELCh	94, 35.599, 117.974
Yxy	84.9334, 0.3434, 0.4024
Android (android.graphics.Color)	4293195184 (0xFFE4F5B0)
YUV	232.0510, -27.6331, -3.5527
Hunter-Lab	92.1593, -20.8876, 29.9976

# Details

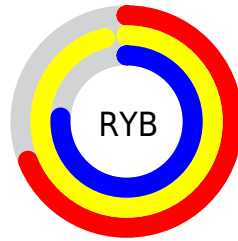
The Hex color **E4F5B0** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C1B0F5**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFE8**, and **ACBD7B** is the 20% darker color. If you saturate the color by 10%, you get **DEF597**, and if you desaturate by 10%, it is **EAF5C9**.

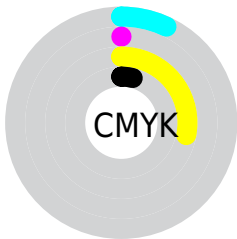
# Distribution



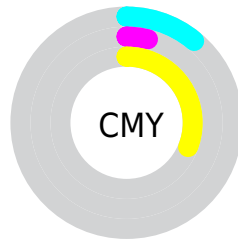
- Red (89%)
- Green (96%)
- Blue (69%)



- Red (69%)
- Yellow (96%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4F5B0 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 E4F5B0 by changing the saturation by 10% instead.



 E4F5B0

FFFFFF

 FFFFE8

 E4F5B0

 C8D995

 ACBD7B


 91A262

 778749

 5D6E31

 45561A

 2D3E02

 172800

 001600

 E4F5B0

 E4F5B0

 DEF597

 EAF5C9

 D8F57F

 F0F5E1

 D2F566

 F6F5FA

 CCF54E

 FCF5FF

 C6F535

 FFF5FF

 C0F51D

 BAF505

 B9F500

# Harmonies

## Analogous

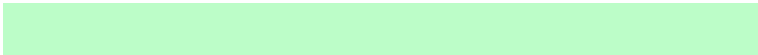
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEAA9



E4F5B0



BCFDC8

# Triad

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



E4F5B0



93FBFF



FFD4F1

# Complementary

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



E4F5B0



C1B0F5

# 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



E4F5B0



BEF1FF

# Square

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



E4F5B0



84FFFF



EFE5FF



FFD6CF

# Rectangle

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



E4F5B0



A3FFDE



EFE5FF



FFD5FD

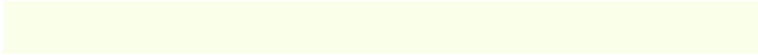


# Sweetspot

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



E4F5B0



FAFFEB



F5C0B0



7C8073



000000



808080

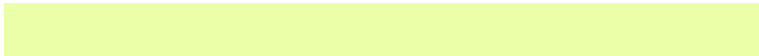


# Same Dimension

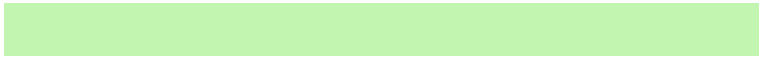
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E4F5B0



EAFFA8



C2F5B0



777A6E



8CBA00



2C3B00



# Inverse Universe

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



C1B0F5



BEA8FF



E3B0F5



716E7A



2E00BA

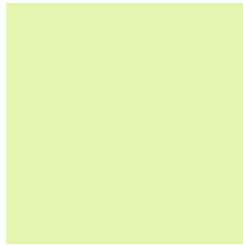


0E003B



# Previews

## White Background



This preview shows how the Hex color E4F5B0 looks on a white background.

## Color Contrast Check

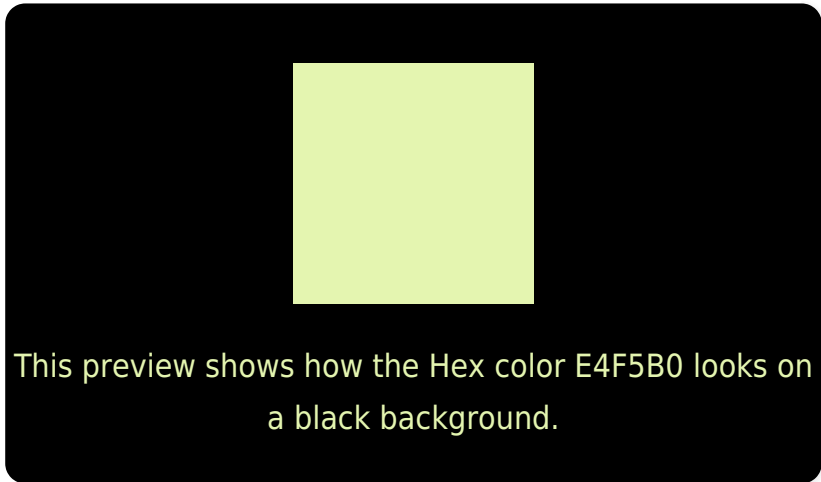
Large Text (above 18pt) WCAG AA × Fail

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

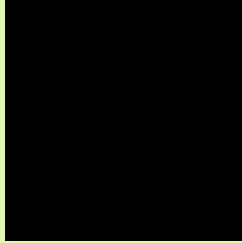
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

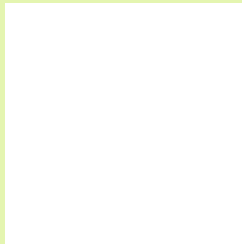
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4F5B0 Background



This preview shows how black text looks on a background with the Hex color E4F5B0.

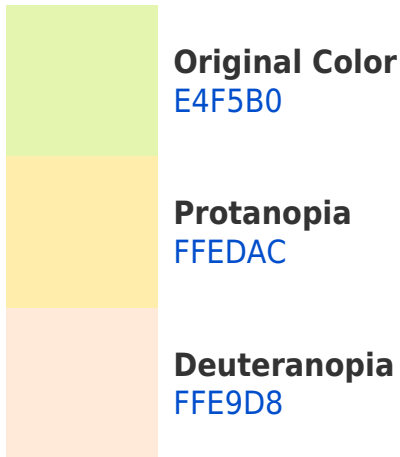


This preview shows how white text looks on a background with the Hex color E4F5B0.

# Color Blindness Simulation

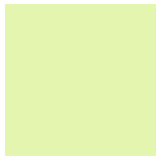
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

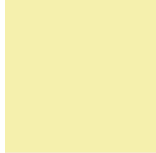




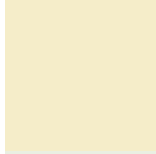
# Trichromacy



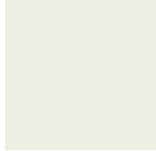
**Original Color**  
E4F5B0



**Protanomaly**  
F5F0AD

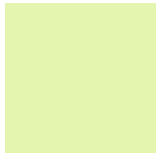


**Deuteranomaly**  
F5EDC9

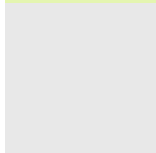


**Tritanomaly**  
EAEFE2

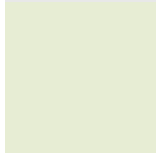
# Monochromacy



**Original Color**  
E4F5B0



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
E7EDD4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4F5B0 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 #E4F5B0 looks like.

```
.text, #text, p{  
    color:#E4F5B0  
}
```

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 #E4F5B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4F5B0
}
```

## Border

The CSS property to change the border of an element to Hex E4F5B0 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
#E4F5B0 }
```

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

```
.border{ border-color:#E4F5B0 }
```

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

Here you see how a box with a 4 pixel #E4F5B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4F5B0; -webkit-box-shadow:4px 4px  
4px 4px #E4F5B0; box-shadow:4px 4px 4px  
4px #E4F5B0 }
```

# Background

The CSS property to change the background color of an element to Hex E4F5B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4F5B0 }
```

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

```
.background{ background-color:#E4F5B0 }
```

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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