

# Converting Colors

Hex(E7F8C5)

Have a look what the booklet for  
Hex(E7F8C5) contains.

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# Color

Hex(E7F8C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	E7F8C5
RGB	231, 248, 197
RGB Percent	91%, 97%, 77%
CMY	0.0941, 0.0275, 0.2275
CMYK	0.07, 0.00, 0.21, 0.03
HSL	80°, 78%, 87%
HSV	80°, 21%, 97%
XYZ	76.6004, 88.1549, 65.8017
YIQ	237.1030, 6.2390, -19.4650

# Conversions

## Conversions Part 2

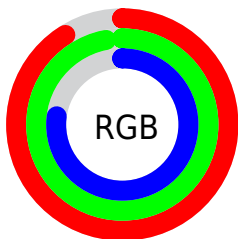
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 248, 214
Decimal	15202501
CIELab	95.23, -14.12, 22.68
CIELCh	95, 26.715, 121.911
Yxy	88.1549, 0.3322, 0.3824
Android (android.graphics.Color)	4293392581 (0xFFE7F8C5)
YUV	237.1030, -19.7708, -5.3523
Hunter-Lab	93.8909, -18.6806, 24.1713

# Details

The Hex color **E7F8C5** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D6C5F8**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFFE**, and **AFC08F** is the 20% darker color. If you saturate the color by 10%, you get **DFF8AC**, and if you desaturate by 10%, it is **EFF8DE**.

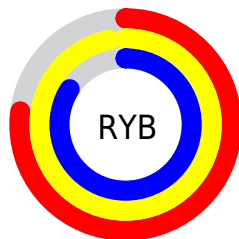
# Distribution



Red (91%)

Green (97%)

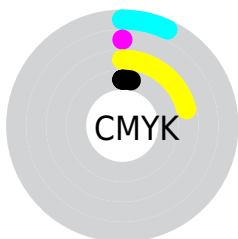
Blue (77%)



Red (77%)

Yellow (97%)

Blue (84%)

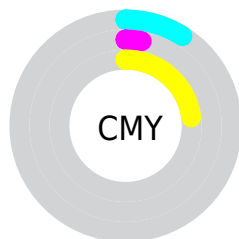


Cyan (7%)

Magenta (0%)

Yellow (21%)

Black (3%)



Cyan (9%)

Magenta (3%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7F8C5 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 E7F8C5 by changing the saturation by 10% instead.



 E7F8C5

FFFFFF

FFFFFFE

 E7F8C5

 CBDBAA


 AFC08F

 94A475

 7A8A5C

 617144

 49582E

 314118

 1C2B00

 001800

 E7F8C5

 E7F8C5

 DFF8AC

 EFF8DE

 D6F893

 F8F8F7

 CEF87B

 FFF8FF

 C6F862

 BEF849

 B5F830

 ADF817

 A5F800

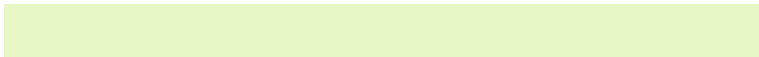
# Harmonies

## Analogous

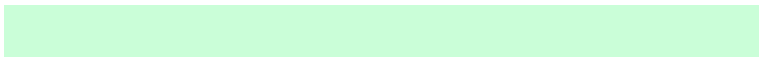
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF0BE



E7F8C5



CAFED8

# Triad

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



E7F8C5



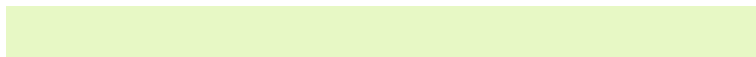
B7FBFF



FFDFF1

# Complementary

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



E7F8C5



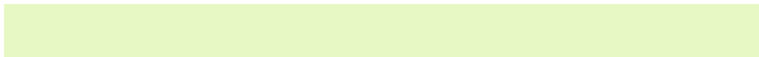
D6C5F8

# Split Complementary

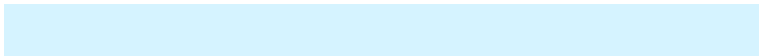
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE2FF



E7F8C5



D5F3FF

# Square

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



E7F8C5



AAFFFF



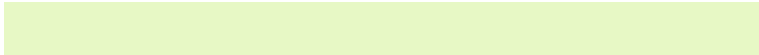
F8EAFF



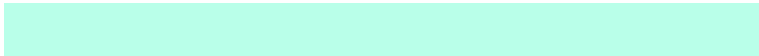
FFE1D7

# Rectangle

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



E7F8C5



B9FFE9



F8EAFF

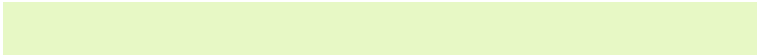


FFE0F9



# Sweetspot

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



E7F8C5



FAFFF0



F8D6C5



7D8077



000000

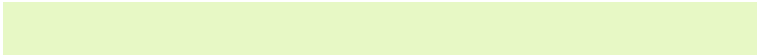


808080

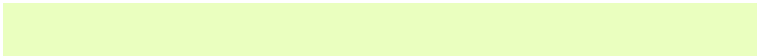


# Same Dimension

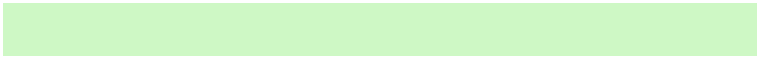
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E7F8C5



EAFFBF



CEF8C5



797D70



7EBD00



293D00



# Inverse Universe

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



D6C5F8



D4BFFF



F0C5F8



75707D



3F00BD

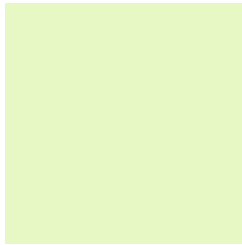


14003D



# Previews

## White Background



This preview shows how the Hex color E7F8C5 looks on a white background.

## Color Contrast Check

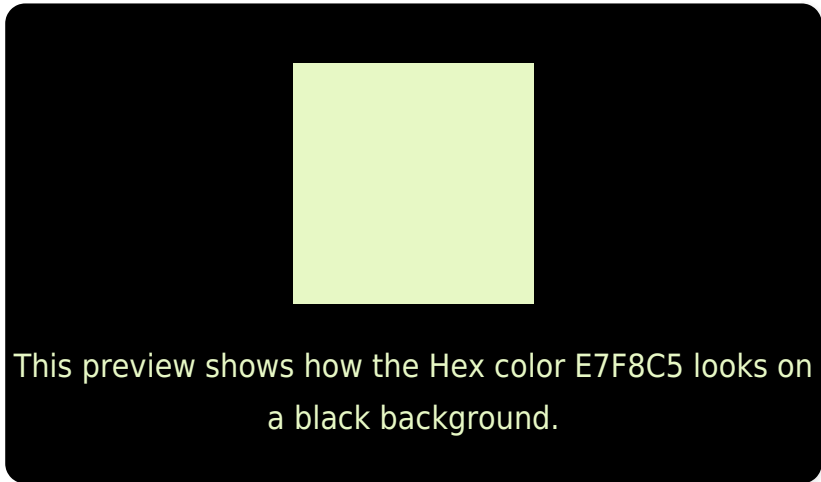
Large Text (above 18pt) WCAG AA × Fail

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

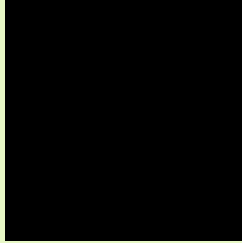
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

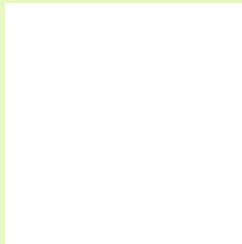
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7F8C5 Background



This preview shows how black text looks on a background with the Hex color E7F8C5.

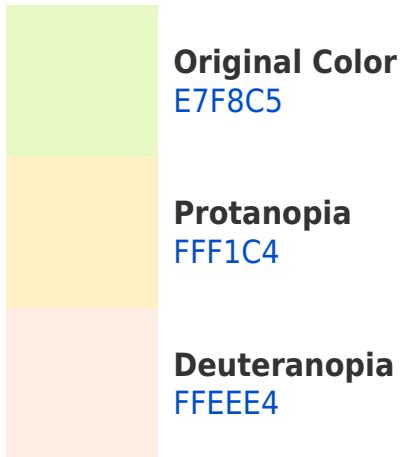


This preview shows how white text looks on a background with the Hex color E7F8C5.

# 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

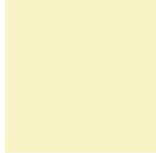




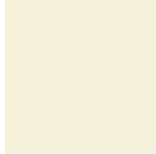
# Trichromacy



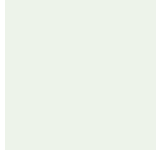
**Original Color**  
E7F8C5



**Protanomaly**  
F6F4C4

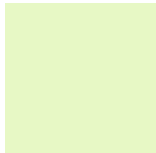


**Deuteranomaly**  
F6F2D9

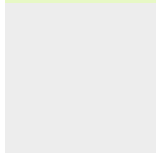


**Tritanomaly**  
EDF3EA

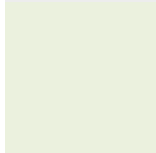
# Monochromacy



**Original Color**  
E7F8C5



**Achromatopsia**  
EDED



**Achromatomaly**  
EBF1DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7F8C5 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 #E7F8C5 looks like.

```
.text, #text, p{  
    color:#E7F8C5  
}
```

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 #E7F8C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7F8C5
}
```

## Border

The CSS property to change the border of an element to Hex E7F8C5 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
#E7F8C5 }
```

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

```
.border{ border-color:#E7F8C5 }
```

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

Here you see how a box with a 4 pixel #E7F8C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7F8C5; -webkit-box-shadow:4px 4px  
4px 4px #E7F8C5; box-shadow:4px 4px 4px  
4px #E7F8C5 }
```

# Background

The CSS property to change the background color of an element to Hex E7F8C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7F8C5 }
```

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

```
.background{ background-color:#E7F8C5 }
```

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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