

# Converting Colors

Hex(E9F8C4)

Have a look what the booklet for  
Hex(E9F8C4) contains.

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# **Color**

**Hex(E9F8C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9F8C4
RGB	233, 248, 196
RGB Percent	91%, 97%, 77%
CMY	0.0863, 0.0275, 0.2314
CMYK	0.06, 0.00, 0.21, 0.03
HSL	77°, 79%, 87%
HSV	77°, 21%, 97%
XYZ	77.1355, 88.4440, 65.2305
YIQ	237.5870, 7.7520, -19.3520

# Conversions

## Conversions Part 2

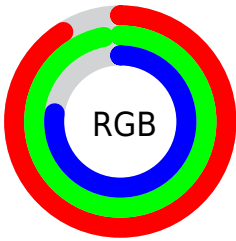
Format	Color
<b>RYB</b>	196, 248, 211
Decimal	15333572
CIELab	95.35, -13.56, 23.38
CIELCh	95, 27.028, 120.123
Yxy	88.4440, 0.3342, 0.3832
Android (android.graphics.Color)	4293523652 (0xFFE9F8C4)
YUV	237.5870, -20.5024, -4.0228
Hunter-Lab	94.0447, -18.1723, 24.7070

# Details

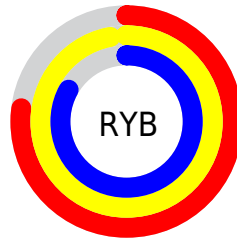
The Hex color **E9F8C4** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D3C4F8**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFFD**, and **B1C08E** is the 20% darker color. If you saturate the color by 10%, you get **E2F8AB**, and if you desaturate by 10%, it is **F0F8DD**.

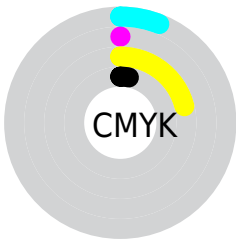
# Distribution



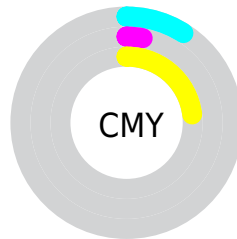
- Red (91%)
- Green (97%)
- Blue (77%)



- Red (77%)
- Yellow (97%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9F8C4 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 E9F8C4 by changing the saturation by 10% instead.



 E9F8C4

 E9F8C4

FFFFFF

 CDDBA9

FFFFFFD

 B1C08E

 96A574

 7C8A5B

 637144

 4A582D

 334117

 1E2B00

 001800

 E9F8C4

 E9F8C4

 E2F8AB

 F0F8DD

 DBF892

 F7F8F6

 D4F87A

 FEF8FF

 CCF861

 FFF8FF

 C5F848

 BEF82F

 B7F816

 B0F800

# Harmonies

## Analogous

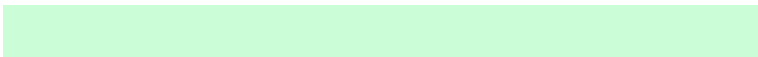
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF0BE



E9F8C4



CBFED7

# Triad

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



E9F8C4



B5FBFF



FFDFF2

# Complementary

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



E9F8C4



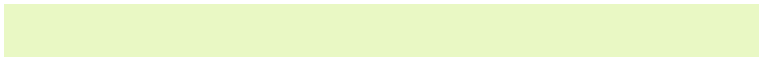
D3C4F8

# Split Complementary

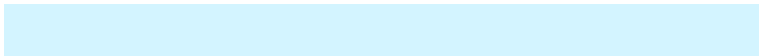
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE3FF



E9F8C4



D3F4FF

# Square

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



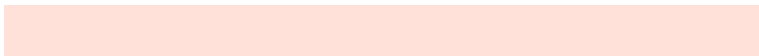
E9F8C4



A9FFFF



F6EBFF



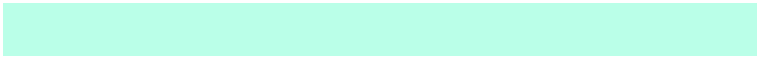
FFE1D9

# Rectangle

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



E9F8C4



BAFFE8



F6EBFF

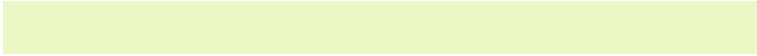


FFE0FB



# Sweetspot

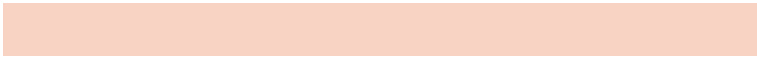
The Sweet Spot groups the original color and five complimentary colors.



E9F8C4



FBFFF0



F8D3C4



7D8077



000000



808080

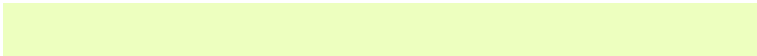


# Same Dimension

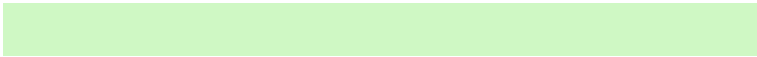
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E9F8C4



EDFFBF



CFF8C4



797D70



86BD00



2C3D00



# Inverse Universe

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



D3C4F8



D2BFFF



EDC4F8



74707D



3600BD

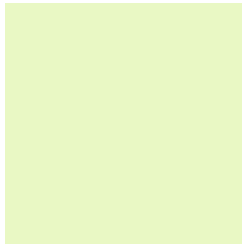


12003D



# Previews

## White Background



This preview shows how the Hex color E9F8C4 looks on a white background.

## Color Contrast Check

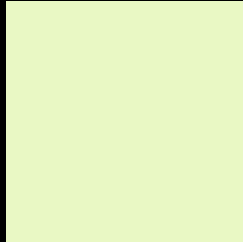
Large Text (above 18pt) WCAG AA × Fail

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 E9F8C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

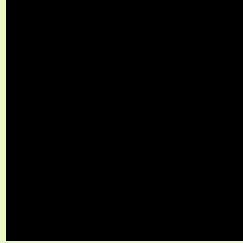
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

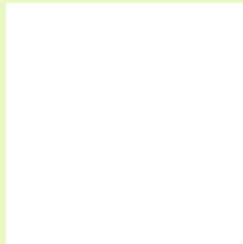
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E9F8C4 Background



This preview shows how black text looks on a background with the Hex color E9F8C4.

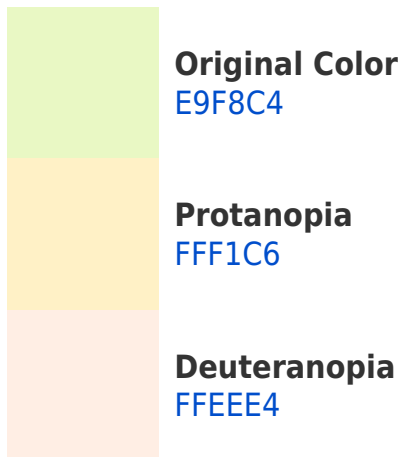


This preview shows how white text looks on a background with the Hex color E9F8C4.

# 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](#).

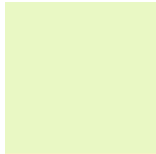
## Dichromacy



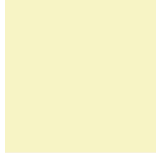


**Tritanopia**  
F2F0FF

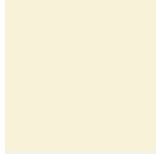
# Trichromacy



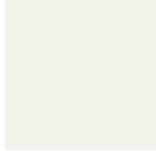
**Original Color**  
E9F8C4



**Protanomaly**  
F7F4C5

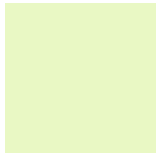


**Deuteranomaly**  
F7F2D8

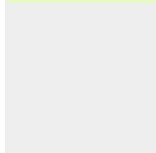


**Tritanomaly**  
EFF3EA

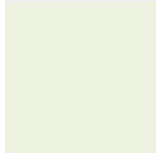
# Monochromacy



**Original Color**  
E9F8C4



**Achromatopsia**  
EEEEEE



**Achromatomaly**  
ECF2DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9F8C4 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 #E9F8C4 looks like.

```
.text, #text, p{  
    color:#E9F8C4  
}
```

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 #E9F8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9F8C4
}
```

## Border

The CSS property to change the border of an element to Hex E9F8C4 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
#E9F8C4 }
```

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

```
.border{ border-color:#E9F8C4 }
```

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

Here you see how a box with a 4 pixel #E9F8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9F8C4; -webkit-box-shadow:4px 4px  
4px 4px #E9F8C4; box-shadow:4px 4px 4px  
4px #E9F8C4 }
```

# Background

The CSS property to change the background color of an element to Hex E9F8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9F8C4 }
```

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

```
.background{ background-color:#E9F8C4 }
```

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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