

# Converting Colors

Hex(E9FBD8)

Have a look what the booklet for  
Hex(E9FBD8) contains.

<b>Hex(E9FBD8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E9FBD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9FBD8
RGB	233, 251, 216
RGB Percent	91%, 98%, 85%
CMY	0.0863, 0.0157, 0.1529
CMYK	0.07, 0.00, 0.14, 0.02
HSL	91°, 81%, 92%
HSV	91°, 14%, 98%
XYZ	80.4961, 91.2759, 78.3412
YIQ	241.6280, 0.5070, -14.7010

# Conversions

## Conversions Part 2

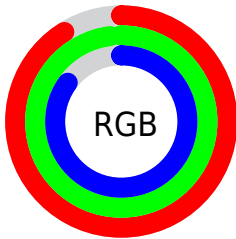
Format	Color
R <sub>Y</sub> B	216, 251, 234
Decimal	15334360
CIE Lab	96.52, -11.96, 14.79
CIE LCh	97, 19.019, 128.949
Yxy	91.2759, 0.3218, 0.3649
Android (android.graphics.Color)	4293524440 (0xFFE9FBD8)
YUV	241.6280, -12.6346, -7.5668
Hunter-Lab	95.5384, -16.7966, 18.2593

# Details

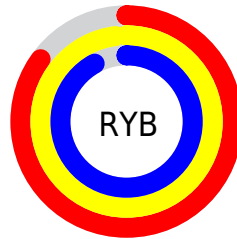
The Hex color **E9FBD8** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **EAD8FB**, and the grayscale version is **F2F2F2**.

A 20% lighter version of the original color is **FFFFFF**, and **B1C2A1** is the 20% darker color. If you saturate the color by 10%, you get **DCFBBF**, and if you desaturate by 10%, it is **F6FBF1**.

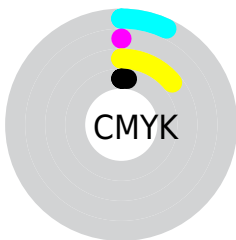
# Distribution



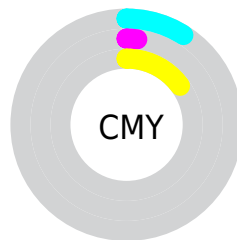
- Red (91%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9FBD8 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 E9FBD8 by changing the saturation by 10% instead.



 E9FBD8

FFFFFF

 E9FBD8

 CDDEBC

 B1C2A1

 96A787

 7C8D6E

 637355

 4B5B3E

 344328

 1E2D13

 061900

 E9FBD8

 E9FBD8

 DCFBBF

 F6FBF1

 CFFBA6

 FFFBFF

 C2FB8D

 B5FB74

 A8FB5B

 9CFB41

 8FFB28

 82FB0F

 7AFB00

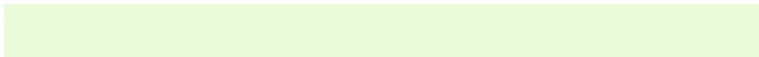
# Harmonies

## Analogous

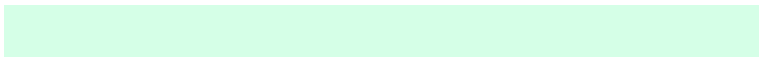
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FEF5D1



E9FBD8



D5FFE7

# Triad

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



E9FBD8



D2FAFF



FFE8F0

# Complementary

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



E9FBD8



EAD8FB

# Split Complementary

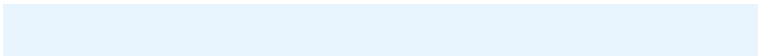
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFEAFF



E9FBD8



E8F5FF

# Square

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



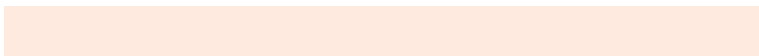
E9FBD8



C6FEFF



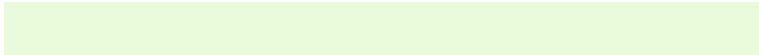
FFEFFF



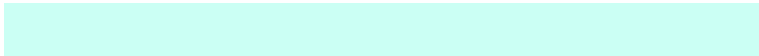
FFEADF

# Rectangle

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



E9FBD8



CBFFF4



FFEFFF



FFE8F6



# Sweetspot

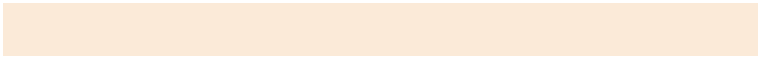
The Sweet Spot groups the original color and five complimentary colors.



E9FBD8



FAFFF5



FBEAD8



7C8079



000000



808080

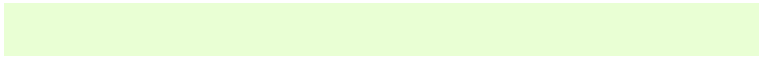


# Same Dimension

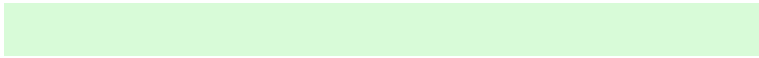
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E9FBD8



E9FFD4



D8FBD8



777D70



5CBD00



1E3D00



# Inverse Universe

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



EAD8FB



EAD4FF



FBD8FB



77707D



6100BD

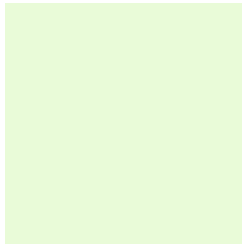


1F003D



# Previews

## White Background



This preview shows how the Hex color E9FBD8 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 E9FBD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

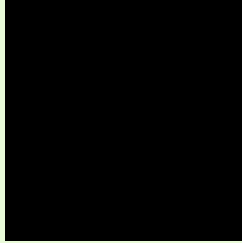
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

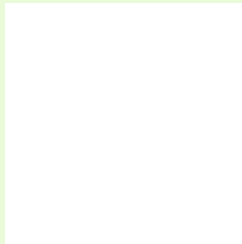
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E9FBD8 Background



This preview shows how black text looks on a background with the Hex color E9FBD8.

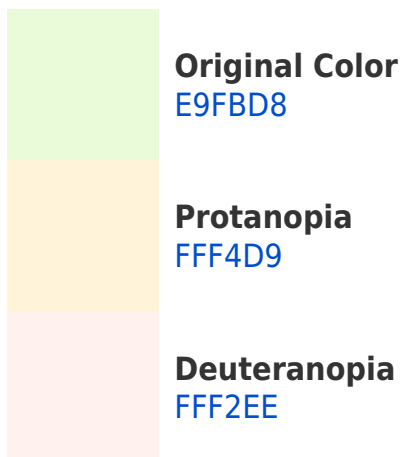


This preview shows how white text looks on a background with the Hex color E9FBD8.

# 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



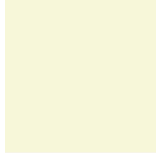


**Tritanopia**  
F2F4FF

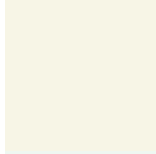
# Trichromacy



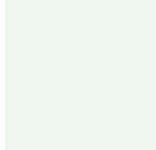
**Original Color**  
E9FBD8



**Protanomaly**  
F7F7D9

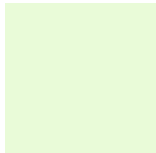


**Deuteranomaly**  
F7F5E6

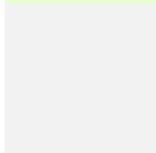


**Tritanomaly**  
EFF7F1

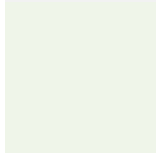
# Monochromacy



**Original Color**  
E9FBD8



**Achromatopsia**  
F2F2F2



**Achromatomaly**  
EFF5E9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9FBD8 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 #E9FBD8 looks like.

```
.text, #text, p{  
    color:#E9FBD8  
}
```

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 #E9FBD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9FBD8 }  
}
```

## Border

The CSS property to change the border of an element to Hex E9FBD8 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 #E9FBD8 }  
}
```

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

```
.border{ border-color:#E9FBD8 }
```

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

Here you see how a box with a 4 pixel #E9FBD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9FBD8; -webkit-box-shadow:4px 4px  
4px 4px #E9FBD8; box-shadow:4px 4px 4px  
4px #E9FBD8 }
```

# Background

The CSS property to change the background color of an element to Hex E9FBD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9FBD8 }
```

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

```
.background{ background-color:#E9FBD8 }
```

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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