

# Converting Colors

Hex(E9F4B8)

Have a look what the booklet for  
Hex(E9F4B8) contains.

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# Color

**Hex(E9F4B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9F4B8
RGB	233, 244, 184
RGB Percent	91%, 96%, 72%
CMY	0.0863, 0.0431, 0.2784
CMYK	0.05, 0.00, 0.25, 0.04
HSL	71°, 73%, 84%
HSV	71°, 25%, 96%
XYZ	74.6067, 85.4857, 57.9156
YIQ	233.8710, 12.7040, -20.9920

# Conversions

## Conversions Part 2

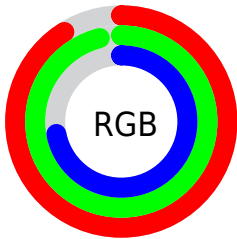
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 244, 195
Decimal	15332536
CIELab	94.09, -13.31, 27.77
CIElCh	94, 30.790, 115.604
Yxy	85.4857, 0.3422, 0.3921
Android (android.graphics.Color)	4293522616 (0xFFE9F4B8)
YUV	233.8710, -24.5864, -0.7639
Hunter-Lab	92.4585, -17.7669, 27.5819

# Details

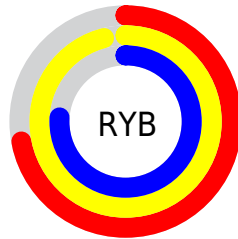
The Hex color **E9F4B8** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C3B8F4**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF0**, and **B1BC83** is the 20% darker color. If you saturate the color by 10%, you get **E5F4A0**, and if you desaturate by 10%, it is **EDF4D0**.

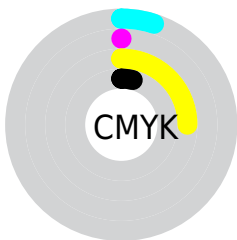
# Distribution



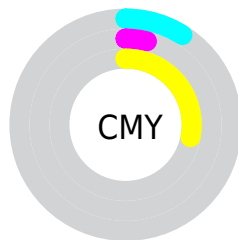
- Red (91%)
- Green (96%)
- Blue (72%)



- Red (72%)
- Yellow (96%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9F4B8 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 E9F4B8 by changing the saturation by 10% instead.



 E9F4B8

FFFFFF

 FFFFF0

 E9F4B8

 CDD89D

 B1BC83

 96A169

 7B8750

 626D39

 495522

 323E0B

 1D2800

 001500

 E9F4B8

 E9F4B8

 E5F4A0

 EDF4D0

 E0F487

 F2F4E9

 DCF46F

 F6F4FF

 D7F456

 FBF4FF

 D3F43E

 FFF4FF

 CEF426

 CAF40D

 C7F400

# Harmonies

## Analogous

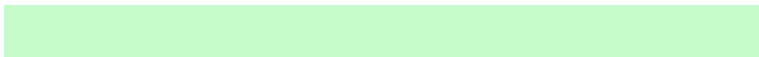
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEBB3



E9F4B8



C7FBCC

# Triad

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



E9F4B8



A2FAFF



FFD9F4

# Complementary

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



E9F4B8



C3B8F4

# Split Complementary

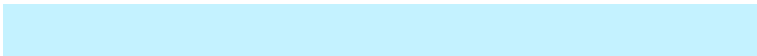
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDEFF



E9F4B8



C4F2FF

# Square

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



E9F4B8



98FEFF



EDE8FF



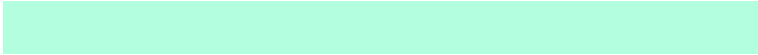
FFDAD6

# Rectangle

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



E9F4B8



B2FEDE



EDE8FF



FFDAFE



# Sweetspot

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



E9F4B8



FCFFED



F4C3B8



7E8075



000000



808080

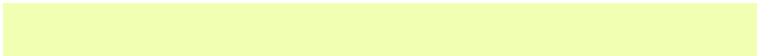


# Same Dimension

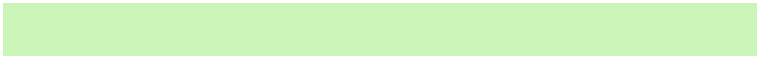
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E9F4B8



F1FFB3



CBF4B8



787A6E



98BA00



303B00



# Inverse Universe

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



C3B8F4



C1B3FF



E1B8F4



706E7A



2200BA

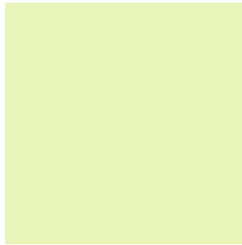


0B003B



# Previews

## White Background



This preview shows how the Hex color E9F4B8 looks on a white background.

## Color Contrast Check

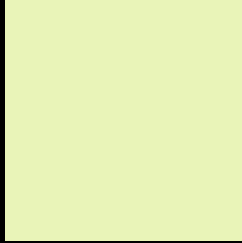
Large Text (above 18pt) WCAG AA × Fail

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 E9F4B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

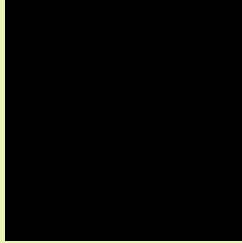
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E9F4B8 Background



This preview shows how black text looks on a background with the Hex color E9F4B8.

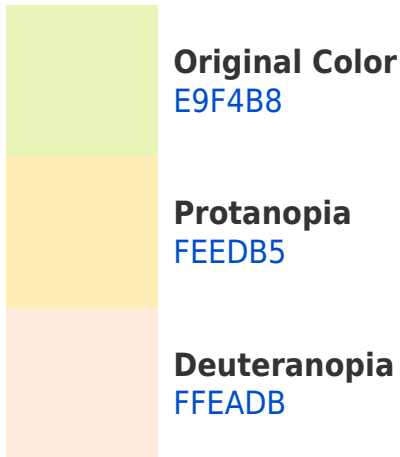


This preview shows how white text looks on a background with the Hex color E9F4B8.

# 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](#).

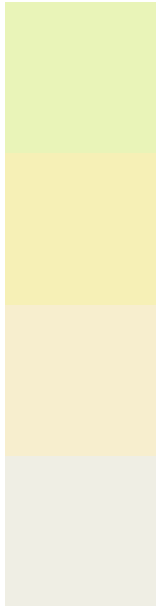
## Dichromacy





**Tritanopia**  
F2EBFD

# Trichromacy



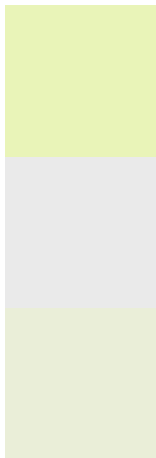
**Original Color**  
E9F4B8

**Protanomaly**  
F6F0B6

**Deuteranomaly**  
F7EECE

**Tritanomaly**  
EFE EE4

# Monochromacy



**Original Color**  
E9F4B8

**Achromatopsia**  
EAEAEA

**Achromatomaly**  
EAEED8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9F4B8 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 #E9F4B8 looks like.

```
.text, #text, p{  
    color:#E9F4B8  
}
```

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 #E9F4B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9F4B8  
}
```

## Border

The CSS property to change the border of an element to Hex E9F4B8 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  
#E9F4B8 }
```

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

```
.border{ border-color:#E9F4B8 }
```

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

Here you see how a box with a 4 pixel #E9F4B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9F4B8; -webkit-box-shadow:4px 4px  
4px 4px #E9F4B8; box-shadow:4px 4px 4px  
4px #E9F4B8 }
```

# Background

The CSS property to change the background color of an element to Hex E9F4B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9F4B8 }
```

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

```
.background{ background-color:#E9F4B8 }
```

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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