

# Converting Colors

Hex(E8F6CE)

Have a look what the booklet for  
Hex(E8F6CE) contains.

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# **Color**

**Hex(E8F6CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8F6CE
RGB	232, 246, 206
RGB Percent	91%, 96%, 81%
CMY	0.0902, 0.0353, 0.1922
CMYK	0.06, 0.00, 0.16, 0.04
HSL	81°, 69%, 89%
HSV	81°, 16%, 96%
XYZ	77.3751, 87.5236, 71.2082
YIQ	237.2540, 4.4960, -15.4080

# Conversions

## Conversions Part 2

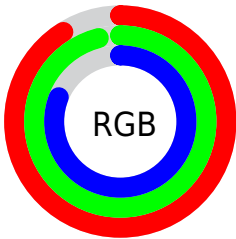
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 246, 220
Decimal	15267534
CIE <sub>Lab</sub>	94.96, -11.41, 17.71
CIE <sub>LCh</sub>	95, 21.067, 122.797
Yxy	87.5236, 0.3277, 0.3707
Android (android.graphics.Color)	4293457614 (0xFFE8F6CE)
YUV	237.2540, -15.4082, -4.6078
Hunter-Lab	93.5540, -16.0889, 20.3596

# Details

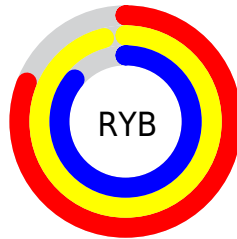
The Hex color **E8F6CE** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **DCCEF6**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **B0BE98** is the 20% darker color. If you saturate the color by 10%, you get **DFF6B5**, and if you desaturate by 10%, it is **F1F6E7**.

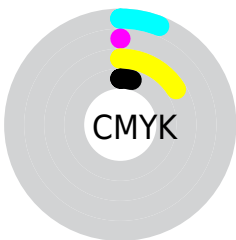
# Distribution



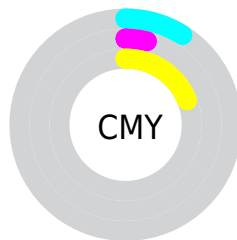
- Red (91%)
- Green (96%)
- Blue (81%)



- Red (81%)
- Yellow (96%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8F6CE 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 E8F6CE by changing the saturation by 10% instead.



 E8F6CE

FFFFFF

 E8F6CE

 CCDAB2

 B0BE98

 95A37E

 7B8865

 626F4C

 4A5735

 333F20

 1E2909

 001600

 E8F6CE

 E8F6CE

 DFF6B5

 F1F6E7

 D7F69D

 F9F6FF

 CEF684

 FFF6FF

 C6F66C

 BDF653

 B4F63A

 ACF622

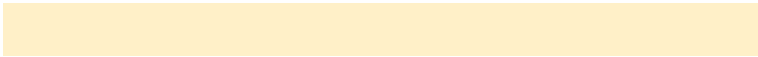
 A3F609

 A0F600

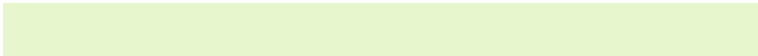
# Harmonies

## Analogous

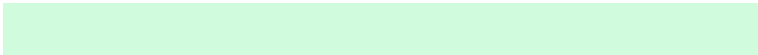
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF0C8



E8F6CE



D1FBDD

# Triad

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



E8F6CE



C6F8FF



FFE2EF

# Complementary

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



E8F6CE



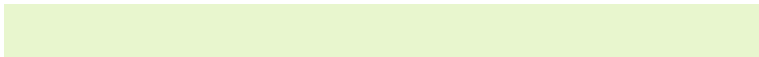
DCCEF6

# Split Complementary

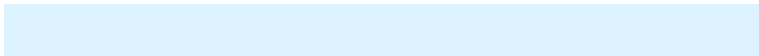
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE5FF



E8F6CE



DCF2FF

# Square

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



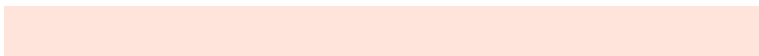
E8F6CE



BBFCFF



F7EBFF



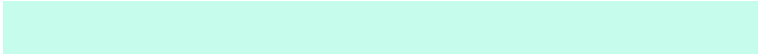
FFE4DB

# Rectangle

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



E8F6CE



C5FCEB



F7EBFF



FFE3F6



# Sweetspot

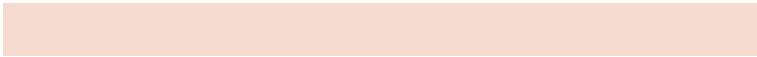
The Sweet Spot groups the original color and five complimentary colors.



E8F6CE



FBFFF2



F6DCCE



7D8078



000000



808080



# Same Dimension

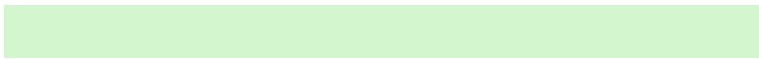
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E8F6CE



EDFFCC



D4F6CE



767A6E



79BA00



263B00



# Inverse Universe

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



DCCEF6



DECCFF



F0CEF6



726E7A



4100BA

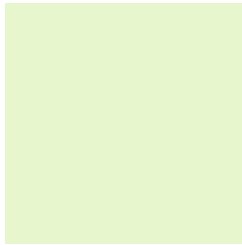


15003B



# Previews

## White Background



This preview shows how the Hex color E8F6CE looks on a white background.

## Color Contrast Check

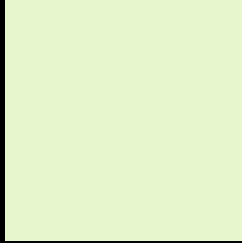
Large Text (above 18pt) WCAG AA × Fail

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 E8F6CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

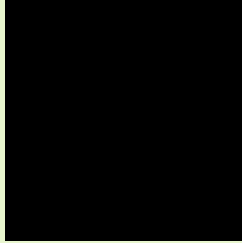
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

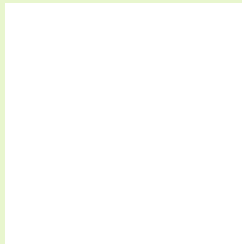
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E8F6CE Background



This preview shows how black text looks on a background with the Hex color E8F6CE.

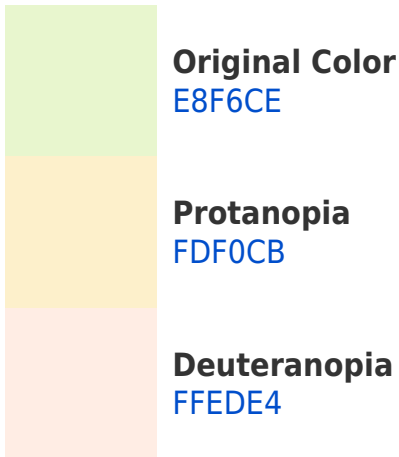


This preview shows how white text looks on a background with the Hex color E8F6CE.

# Color Blindness Simulation

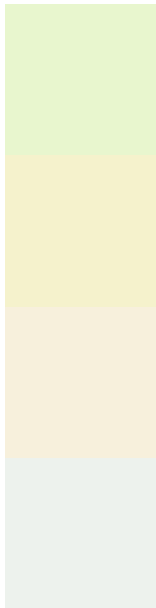
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



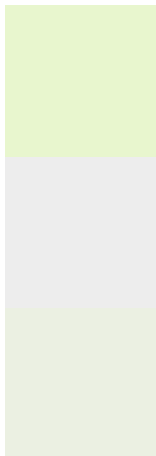
**Original Color**  
E8F6CE

**Protanomaly**  
F5F2CC

**Deuteranomaly**  
F7F0DC

**Tritanomaly**  
EDF2ED

# Monochromacy



**Original Color**  
E8F6CE

**Achromatopsia**  
EDED

**Achromatomaly**  
EBF0E2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8F6CE 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 #E8F6CE looks like.

```
.text, #text, p{  
    color:#E8F6CE  
}
```

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 #E8F6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8F6CE
}
```

## Border

The CSS property to change the border of an element to Hex E8F6CE 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
#E8F6CE }
```

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

```
.border{ border-color:#E8F6CE }
```

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

Here you see how a box with a 4 pixel #E8F6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8F6CE; -webkit-box-shadow:4px 4px  
4px 4px #E8F6CE; box-shadow:4px 4px 4px  
4px #E8F6CE }
```

# Background

The CSS property to change the background color of an element to Hex E8F6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8F6CE }
```

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

```
.background{ background-color:#E8F6CE }
```

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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