

# Converting Colors

Hex(E3F8CD)

Have a look what the booklet for  
Hex(E3F8CD) contains.

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# **Color**

**Hex(E3F8CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3F8CD
RGB	227, 248, 205
RGB Percent	89%, 97%, 80%
CMY	0.1098, 0.0275, 0.1961
CMYK	0.08, 0.00, 0.17, 0.03
HSL	89°, 75%, 89%
HSV	89°, 17%, 97%
XYZ	76.2654, 87.8735, 70.6993
YIQ	236.8190, 1.2870, -17.8250

# Conversions

## Conversions Part 2

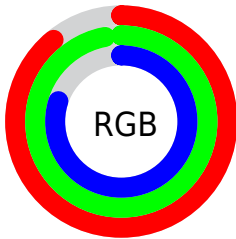
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 248, 226
Decimal	14940365
CIE <sub>Lab</sub>	95.11, -14.29, 18.38
CIE <sub>LCh</sub>	95, 23.280, 127.868
Y <sub>xy</sub>	87.8735, 0.3248, 0.3742
Android (android.graphics.Color)	4293130445 (0xFFE3F8CD)
YUV	236.8190, -15.6868, -8.6113
Hunter-Lab	93.7409, -18.8230, 20.9021

# Details

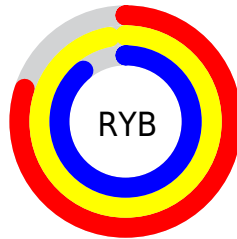
The Hex color **E3F8CD** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **E2CDF8**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **ABC097** is the 20% darker color. If you saturate the color by 10%, you get **D7F8B4**, and if you desaturate by 10%, it is **EFF8E6**.

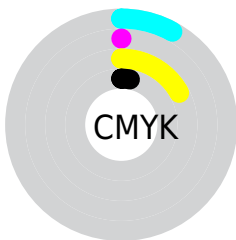
# Distribution



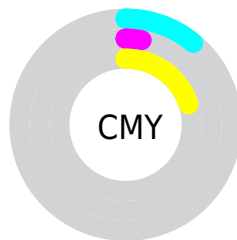
- Red (89%)
- Green (97%)
- Blue (80%)



- Red (80%)
- Yellow (97%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3F8CD 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 E3F8CD by changing the saturation by 10% instead.



 E3F8CD

FFFFFF

 E3F8CD

 C7DBB1

 ABC097

 91A47D

 778A64

 5E714C

 465835

 2F411F

 1A2B08

 001700

 E3F8CD

 E3F8CD

 D7F8B4

 EFF8E6

 CBF89B

 FBF8FF

 BFF883

 FFF8FF

 B3F86A

 A6F851

 9AF838

 8EF81F

 82F807

 7FF800

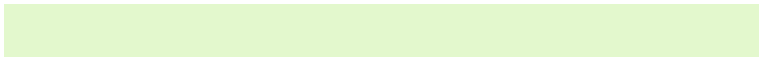
# Harmonies

## Analogous

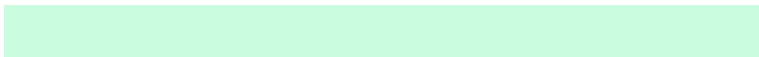
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FCF1C4



E3F8CD



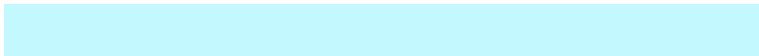
CAFDDF

# Triad

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



E3F8CD



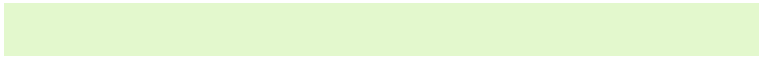
C4F8FF



FFE1EC

# Complementary

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



E3F8CD



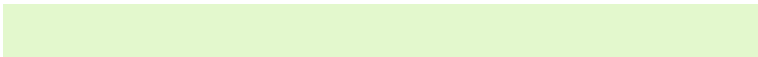
E2CDF8

# Split Complementary

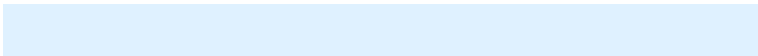
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE3FF



E3F8CD



DFF1FF

# Square

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



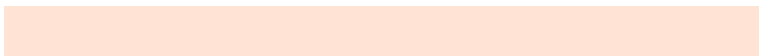
E3F8CD



B5DFF



FCE9FF



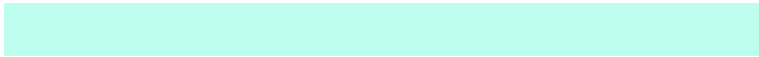
FFE4D6

# Rectangle

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



E3F8CD



BDFEEE



FCE9FF



FFE1F3



# Sweetspot

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



E3F8CD



F9FFF2



F8E2CD



7C8078



000000

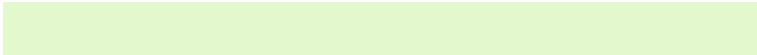


808080

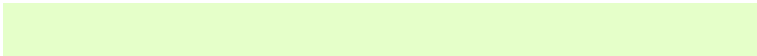


# Same Dimension

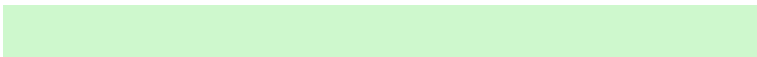
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3F8CD



E5FFC9



CEF8CD



777D70



61BD00



1F3D00



# Inverse Universe

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



E2CDF8



E4C9FF



F7CDF8



77707D



5C00BD

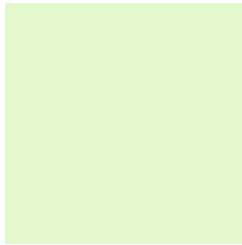


1E003D



# Previews

## White Background



This preview shows how the Hex color E3F8CD looks on a white background.

## Color Contrast Check

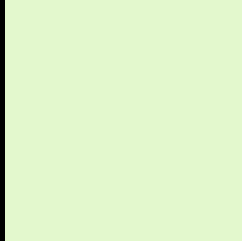
Large Text (above 18pt) WCAG AA × Fail

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 E3F8CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

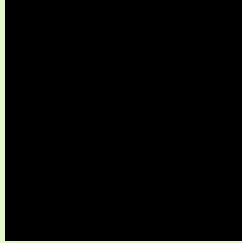
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

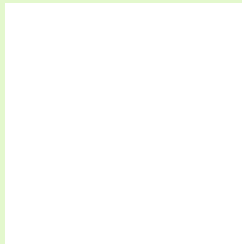
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3F8CD Background



This preview shows how black text looks on a background with the Hex color E3F8CD.



This preview shows how white text looks on a background with the Hex color E3F8CD.

# 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

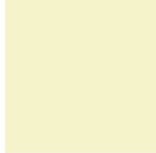




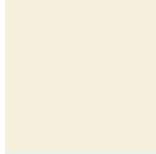
# Trichromacy



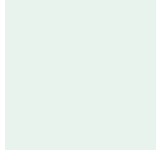
**Original Color**  
E3F8CD



**Protanomaly**  
F4F3CA

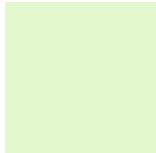


**Deuteranomaly**  
F5F1DC

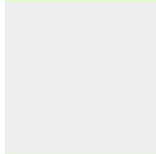


**Tritanomaly**  
E9F3ED

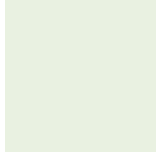
# Monochromacy



**Original Color**  
E3F8CD



**Achromatopsia**  
EDED



**Achromatomaly**  
E9F1E1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3F8CD 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 #E3F8CD looks like.

```
.text, #text, p{  
    color:#E3F8CD  
}
```

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 #E3F8CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3F8CD
}
```

## Border

The CSS property to change the border of an element to Hex E3F8CD 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
#E3F8CD }
```

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

```
.border{ border-color:#E3F8CD }
```

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

Here you see how a box with a 4 pixel #E3F8CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3F8CD; -webkit-box-shadow:4px 4px  
4px 4px #E3F8CD; box-shadow:4px 4px 4px  
4px #E3F8CD }
```

# Background

The CSS property to change the background color of an element to Hex E3F8CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3F8CD }
```

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

```
.background{ background-color:#E3F8CD }
```

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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