

# Converting Colors

Hex(E8FDF7)

Have a look what the booklet for  
Hex(E8FDF7) contains.

|  |    |
|--|----|
| <b>Hex(E8FDF7)</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(E8FDF7)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E8FDF7                      |
| RGB         | 232, 253, 247               |
| RGB Percent | 91%, 99%, 97%               |
| CMY         | 0.0902, 0.0078, 0.0314      |
| CMYK        | 0.08, 0.00, 0.02, 0.01      |
| HSL         | 163°, 84%, 95%              |
| HSV         | 163°, 8%, 99%               |
| XYZ         | 85.1925, 94.1218, 101.6729  |
| YIQ         | 246.0370, -10.5900, -6.3180 |

# Conversions

## Conversions Part 2

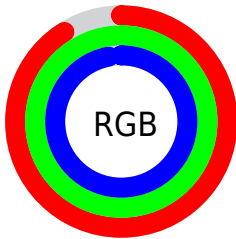
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 232, 244, 253                 |
| Decimal                             | 15269367                      |
| CIE Lab                             | 97.68, -7.92, 0.52            |
| CIE LCh                             | 98, 7.936, 176.260            |
| Yxy                                 | 94.1218, 0.3032,<br>0.3350    |
| Android<br>(android.graphics.Color) | 4293459447<br>(0xFFE8FDF7)    |
| YUV                                 | 246.0370, 0.4748,<br>-12.3104 |
| Hunter-Lab                          | 97.0164, -13.0334,<br>5.7757  |

# Details

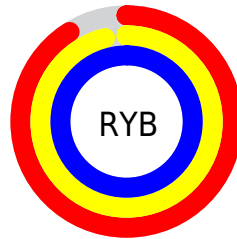
The Hex color **E8FDF7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FDE8EE**, and the grayscale version is **F6F6F6**.

A 20% lighter version of the original color is **FFFFFF**, and **B0C4BF** is the 20% darker color. If you saturate the color by 10%, you get **CFFDF0**, and if you desaturate by 10%, it is **FFFDFE**.

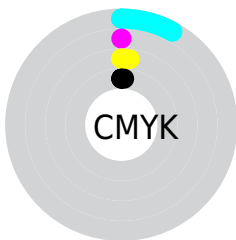
# Distribution



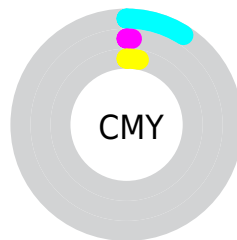
- Red (91%)
- Green (99%)
- Blue (97%)



- Red (91%)
- Yellow (96%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (9%)
- Magenta (1%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8FDF7 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 E8FDF7 by changing the saturation by 10% instead.



 E8FDF7

FFFFFF

 E8FDF7

 CCE0DB

 B0C4BF

 96A9A4

 7C8F89

 637570

 4B5C58

 344540

 1E2F2A

 081A16

 E8FDF7

 E8FDF7

 CFFDF0

 FFFDFE

 B5FDE9

 FFFDFF

 9CFDE1

 83FDDA

 69FDD3

 50FDCC

 37FDC4

 1EFDBD

 04FDB6

# Harmonies

## Analogous

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



EFFCF0



E8FDF7



E6FDFE

# Triad

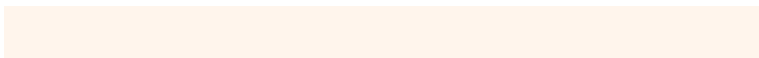
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E8FDF7



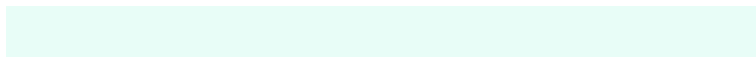
F9F7FF



FFF5EC

# Complementary

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



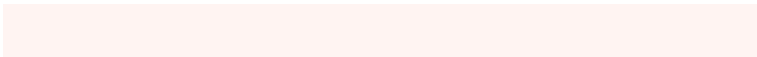
E8DF7



FDE8EE

# 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.



FFF4F2



E8FDF7



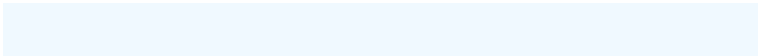
FFF4FF

# Square

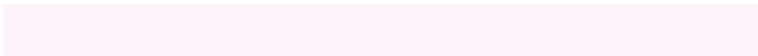
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



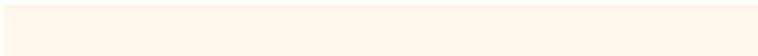
E8DF7



F0F9FF



FFF3FA



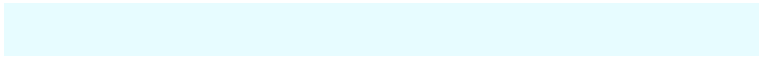
FFF7E9

# Rectangle

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



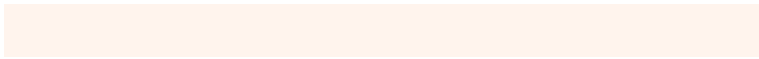
E8DF7



E7FCFF



FFF3FA



FFF4ED



# Sweetspot

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



E8DF7



FAFFE



EEFDE8



7D807F



000000



808080

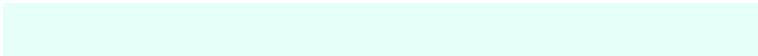


# Same Dimension

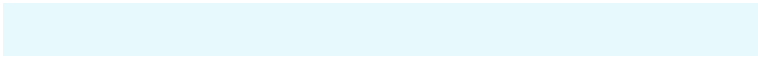
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E8DFD7



E6FFF8



E8F9FD



73807C



00BF89



00402E



# Inverse Universe

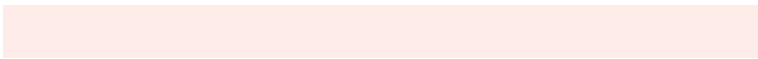
The Inverse Universe completely reimagines the original color for something new.



FDE8EE



FFE6ED



FDECE8



807376



BF0037

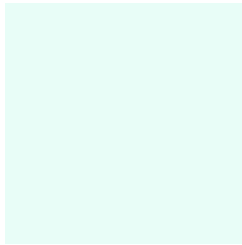


400012



# Previews

## White Background



This preview shows how the Hex color E8FDF7 looks on a white background.

## Color Contrast Check

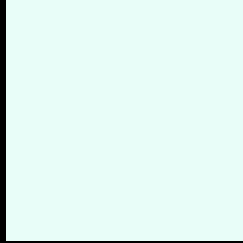
Large Text (above 18pt) WCAG AA × Fail

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 E8FDF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

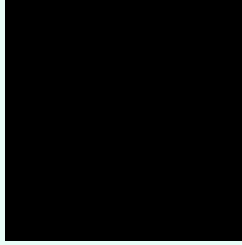
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

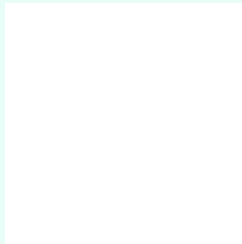
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E8FDF7 Background



This preview shows how black text looks on a background with the Hex color E8FDF7.

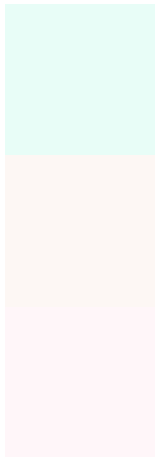


This preview shows how white text looks on a background with the Hex color E8FDF7.

# 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



**Original Color**  
E8FDF7

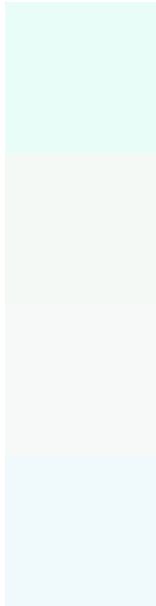
**Protanopia**  
FDF7F4

**Deuteranopia**  
FFF6F9



**Tritanopia**  
F4F9FF

# Trichromacy



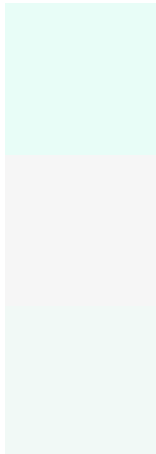
**Original Color**  
E8FDF7

**Protanomaly**  
F5F9F5

**Deuteranomaly**  
F7F9F8

**Tritanomaly**  
F0FAFC

# Monochromacy



**Original Color**  
E8FDF7

**Achromatopsia**  
F6F6F6

**Achromatomaly**  
F1F9F6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8FDF7 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 #E8FDF7 looks like.

```
.text, #text, p{  
    color:#E8FDF7  
}
```

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 #E8FDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8FDF7
}
```

## Border

The CSS property to change the border of an element to Hex E8FDF7 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
#E8FDF7 }
```

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

```
.border{ border-color:#E8FDF7 }
```

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

Here you see how a box with a 4 pixel #E8FDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8FDF7; -webkit-box-shadow:4px 4px  
4px 4px #E8FDF7; box-shadow:4px 4px 4px  
4px #E8FDF7 }
```

# Background

The CSS property to change the background color of an element to Hex E8FDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8FDF7 }
```

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

```
.background{ background-color:#E8FDF7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor