

# Converting Colors

Hex(E7FBF4)

Have a look what the booklet for  
Hex(E7FBF4) contains.

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# **Color**

**Hex(E7FBF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7FBF4
RGB	231, 251, 244
RGB Percent	91%, 98%, 96%
CMY	0.0941, 0.0157, 0.0431
CMYK	0.08, 0.00, 0.03, 0.02
HSL	159°, 71%, 95%
HSV	159°, 8%, 98%
XYZ	83.7813, 92.5149, 99.0294
YIQ	244.2220, -9.6730, -6.4170

# Conversions

## Conversions Part 2

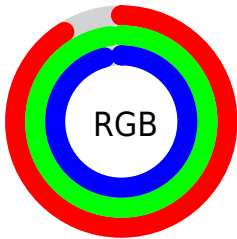
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 243, 251
Decimal	15203316
CIE Lab	97.03, -7.79, 1.10
CIE LCh	97, 7.869, 171.928
Yxy	92.5149, 0.3043, 0.3360
Android (android.graphics.Color)	4293393396 (0xFFE7FBF4)
YUV	244.2220, -0.1094, -11.5957
Hunter-Lab	96.1847, -12.8414, 6.2858

# Details

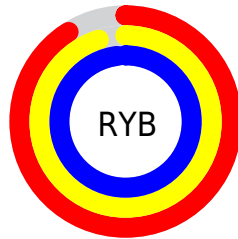
The Hex color **E7FBF4** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FBE7EE**, and the grayscale version is **F4F4F4**.

A 20% lighter version of the original color is **FFFFFF**, and **AFC2BC** is the 20% darker color. If you saturate the color by 10%, you get **CEFBE8**, and if you desaturate by 10%, it is **FFF8FD**.

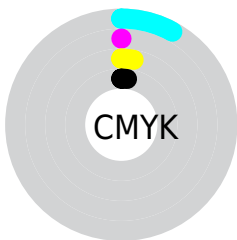
# Distribution



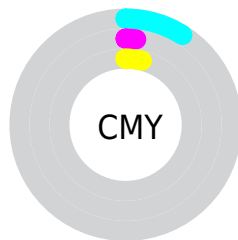
- Red (91%)
- Green (98%)
- Blue (96%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7FBF4 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 E7FBF4 by changing the saturation by 10% instead.



 E7FBF4

FFFFFF

 E7FBF4

 CBDED8

 AFC2BC

 95A7A1

 7B8D87

 62736D

 4A5B55

 33433E

 1E2D28

 071914

 E7FBF4

 E7FBF4

 CEFBEB

 FFFBFD

 B5FBE2

 FFFBFF

 9CFBDA

 83FBD1

 6AFBC8

 50FBBF

 37FBB7

 1EFBAE

 05FBA5

# Harmonies

## Analogous

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



EEFAED



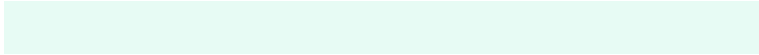
E7FBF4



E4FBFC

# Triad

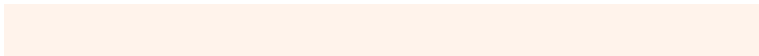
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E7FBF4



F6F5FF



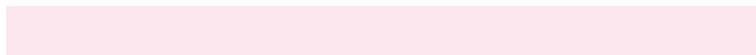
FFF3EB

# Complementary

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



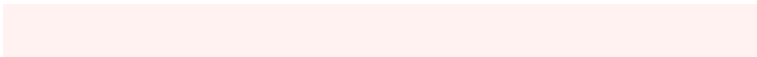
E7FBF4



FBE7EE

# 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.



FFF2F1



E7FBF4



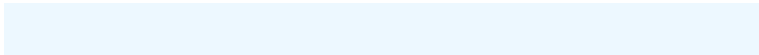
FFF3FF

# Square

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



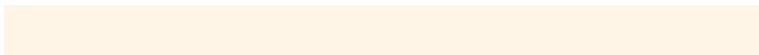
E7FBF4



EDF8FF



FFF2F9



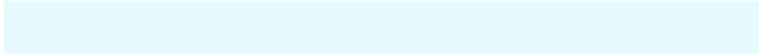
FFF5E7

# Rectangle

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



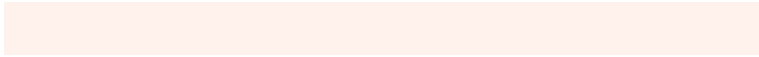
E7FBF4



E5FAFF



FFF2F9



FFF2ED



# Sweetspot

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



E7FBF4



FAFFFD



EEFBE7



7D807F



000000



808080



# Same Dimension

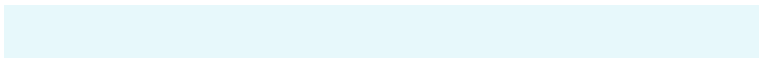
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E7FBF4



E6FFF6



E7F8FB



707D79



00BD7B



003D28



# Inverse Universe

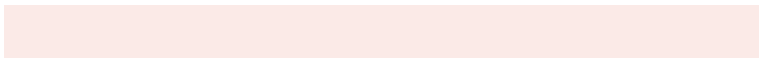
The Inverse Universe completely reimagines the original color for something new.



FBE7EE



FFE6EE



FBEAE7



7D7075



BD0042

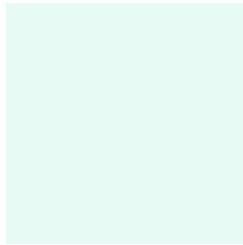


3D0015



# Previews

## White Background



This preview shows how the Hex color E7FBF4 looks on a white background.

## Color Contrast Check

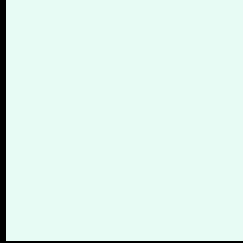
Large Text (above 18pt) WCAG AA × Fail

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 E7FBF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

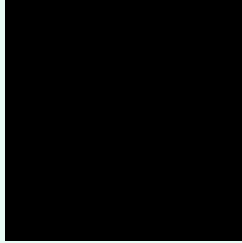
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

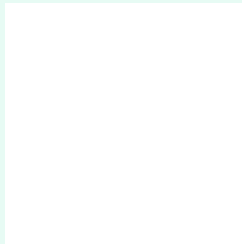
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7FBF4 Background



This preview shows how black text looks on a background with the Hex color E7FBF4.

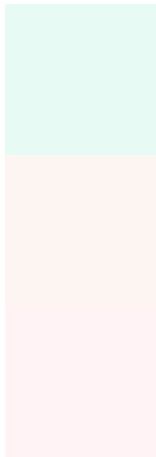


This preview shows how white text looks on a background with the Hex color E7FBF4.

# 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**  
E7FBF4

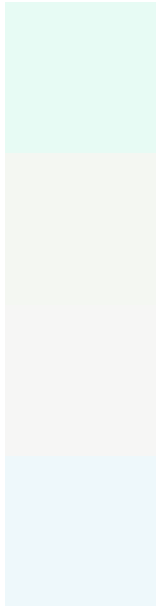
**Protanopia**  
FCF5F1

**Deuteranopia**  
FFF3F6



**Tritanopia**  
F2F7FF

# Trichromacy



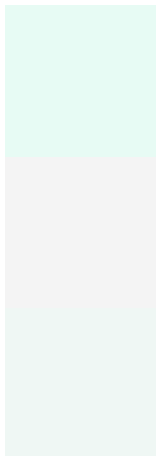
**Original Color**  
E7FBF4

**Protanomaly**  
F4F7F2

**Deuteranomaly**  
F6F6F5

**Tritanomaly**  
EEF8FB

# Monochromacy



**Original Color**  
E7FBF4

**Achromatopsia**  
F4F4F4

**Achromatomaly**  
EFF7F4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7FBF4 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 #E7FBF4 looks like.

```
.text, #text, p{  
    color:#E7FBF4  
}
```

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 #E7FBF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7FBF4
}
```

## Border

The CSS property to change the border of an element to Hex E7FBF4 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
#E7FBF4 }
```

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

```
.border{ border-color:#E7FBF4 }
```

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

Here you see how a box with a 4 pixel #E7FBF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7FBF4; -webkit-box-shadow:4px 4px  
4px 4px #E7FBF4; box-shadow:4px 4px 4px  
4px #E7FBF4 }
```

# Background

The CSS property to change the background color of an element to Hex E7FBF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7FBF4 }
```

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

```
.background{ background-color:#E7FBF4 }
```

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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