

# Converting Colors

Hex(E3F7E6)

Have a look what the booklet for  
Hex(E3F7E6) contains.

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# **Color**

**Hex(E3F7E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3F7E6
RGB	227, 247, 230
RGB Percent	89%, 97%, 90%
CMY	0.1098, 0.0314, 0.0980
CMYK	0.08, 0.00, 0.07, 0.03
HSL	129°, 56%, 93%
HSV	129°, 8%, 97%
XYZ	79.2222, 88.5656, 87.7823
YIQ	239.0820, -6.4630, -9.5270

# Conversions

## Conversions Part 2

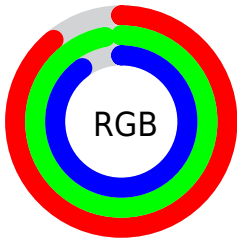
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 244, 247
Decimal	14940134
CIE Lab	95.40, -9.62, 5.92
CIE LCh	95, 11.294, 148.364
Yxy	88.5656, 0.3100, 0.3465
Android (android.graphics.Color)	4293130214 (0xFFE3F7E6)
YUV	239.0820, -4.4774, -10.5959
Hunter-Lab	94.1093, -14.4280, 10.5726

# Details

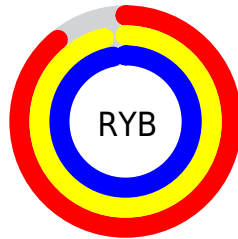
The Hex color **E3F7E6** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F7E3F4**, and the grayscale version is **EFEFEF**.

A 20% lighter version of the original color is **FFFFFF**, and **ACBF9F** is the 20% darker color. If you saturate the color by 10%, you get **CAF7D1**, and if you desaturate by 10%, it is **FCF7FB**.

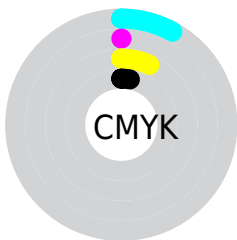
# Distribution



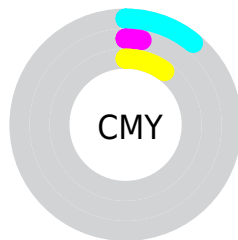
- Red (89%)
- Green (97%)
- Blue (90%)



- Red (89%)
- Yellow (96%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3F7E6 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 E3F7E6 by changing the saturation by 10% instead.



 E3F7E6

FFFFFF

 E3F7E6

 C7DACA

 ACBFAF

 91A494


 77897A

 5E7061

 47574A

 304033

 1B2A1E

 011605

 E3F7E6

 E3F7E6

 CAF7D1

 FCF7FB

 B2F7BC

 FFF7FF

 99F7A7

 80F792

 67F77D

 4FF768

 36F753

 1DF73E

 05F729

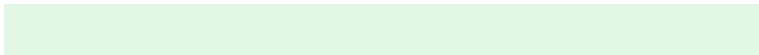
# Harmonies

## Analogous

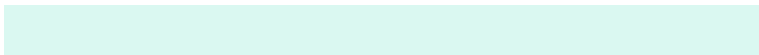
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EFF4DE



E3F7E6



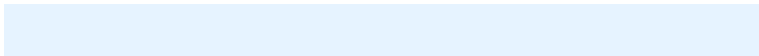
DAF8F1

# Triad

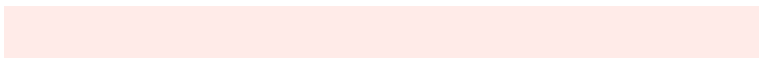
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E3F7E6



E6F3FF



FFEBE8

# Complementary

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



E3F7E6



F7E3F4

# 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.



FFEBF3



E3F7E6



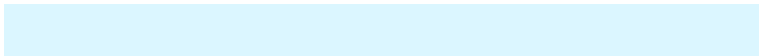
F3EFFF

# Square

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



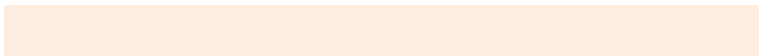
E3F7E6



DBF6FF



FFECFD



FFEDE0

# Rectangle

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



E3F7E6



D7F8F8



FFECFD



FFE6E6



# Sweetspot

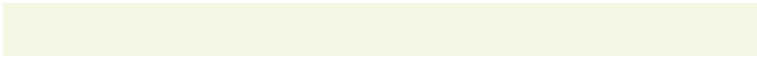
The Sweet Spot groups the original color and five complimentary colors.



E3F7E6



FAFFFB



F4F7E3



7D807D



000000



808080

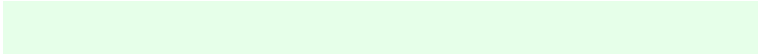


# Same Dimension

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



E3F7E6



E6FFE9



E3F7F0



6E7A70



00BA1C



003B09



# Inverse Universe

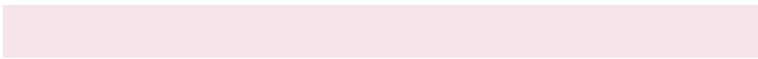
The Inverse Universe completely reimagines the original color for something new.



F7E3F4



FFE6FB



F7E3EA



7A6E79



BA009E

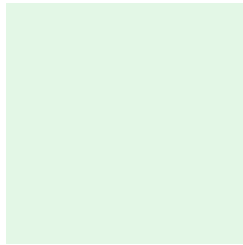


3B0032



# Previews

## White Background



This preview shows how the Hex color E3F7E6 looks on a white background.

## Color Contrast Check

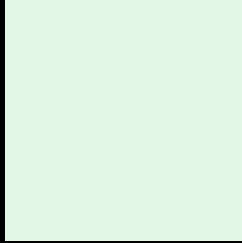
Large Text (above 18pt) WCAG AA × Fail

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 E3F7E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

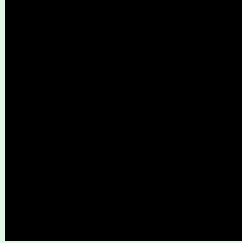
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

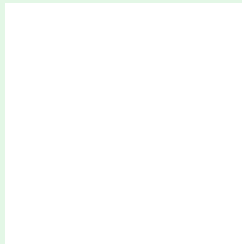
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3F7E6 Background



This preview shows how black text looks on a background with the Hex color E3F7E6.

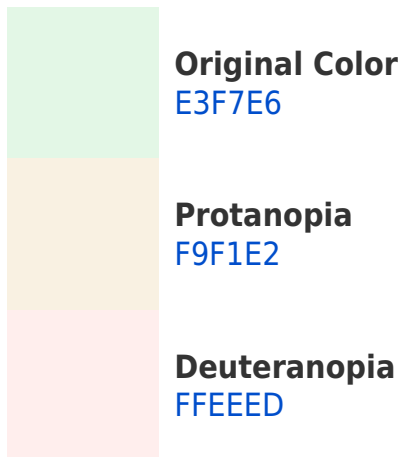


This preview shows how white text looks on a background with the Hex color E3F7E6.

# 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](#).

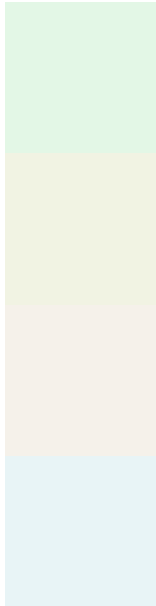
## Dichromacy





**Tritanopia**  
EBF2FF

# Trichromacy



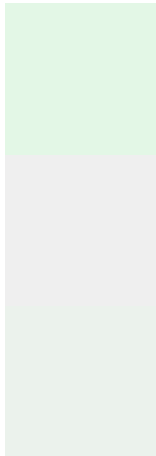
**Original Color**  
E3F7E6

**Protanomaly**  
F1F3E3

**Deuteranomaly**  
F5F1EA

**Tritanomaly**  
E8F4F6

# Monochromacy



**Original Color**  
E3F7E6

**Achromatopsia**  
EFEFEF

**Achromatomaly**  
EBF2EC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3F7E6 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 #E3F7E6 looks like.

```
.text, #text, p{  
    color:#E3F7E6  
}
```

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 #E3F7E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3F7E6
}
```

## Border

The CSS property to change the border of an element to Hex E3F7E6 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
#E3F7E6 }
```

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

```
.border{ border-color:#E3F7E6 }
```

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

Here you see how a box with a 4 pixel #E3F7E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3F7E6; -webkit-box-shadow:4px 4px  
4px 4px #E3F7E6; box-shadow:4px 4px 4px  
4px #E3F7E6 }
```

# Background

The CSS property to change the background color of an element to Hex E3F7E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3F7E6 }
```

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

```
.background{ background-color:#E3F7E6 }
```

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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