

# Converting Colors

Hex(E6F7E4)

Have a look what the booklet for  
Hex(E6F7E4) contains.

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# **Color**

**Hex(E6F7E4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6F7E4
RGB	230, 247, 228
RGB Percent	90%, 97%, 89%
CMY	0.0980, 0.0314, 0.1059
CMYK	0.07, 0.00, 0.08, 0.03
HSL	114°, 54%, 93%
HSV	114°, 8%, 97%
XYZ	79.8975, 88.9460, 86.3560
YIQ	239.7510, -4.0330, -9.5130

# Conversions

## Conversions Part 2

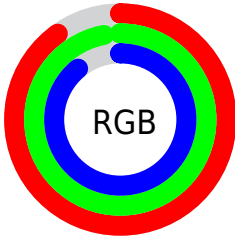
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 247, 245
Decimal	15136740
CIE Lab	95.56, -8.97, 7.21
CIE LCh	96, 11.509, 141.197
Yxy	88.9460, 0.3131, 0.3485
Android (android.graphics.Color)	4293326820 (0xFFE6F7E4)
YUV	239.7510, -5.7932, -8.5516
Hunter-Lab	94.3112, -13.8249, 11.7289

# Details

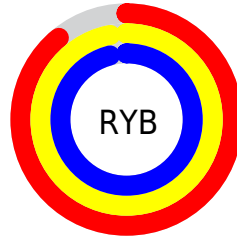
The Hex color **E6F7E4** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F5E4F7**, and the grayscale version is **F0F0F0**.

A 20% lighter version of the original color is **FFFFFF**, and **AEBFAD** is the 20% darker color. If you saturate the color by 10%, you get **D0F7CB**, and if you desaturate by 10%, it is **FCF7FD**.

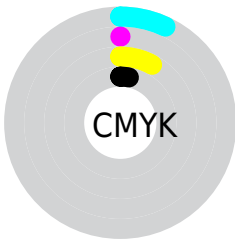
# Distribution



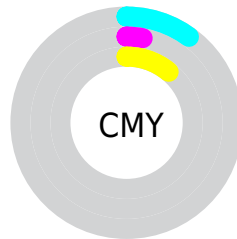
- Red (90%)
- Green (97%)
- Blue (89%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color E6F7E4 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 E6F7E4 by changing the saturation by 10% instead.



 E6F7E4

FFFFFF

 E6F7E4

 CADBC8

 AEBFAD

 94A492

 7A8978

 617060

 495748

 334031

 1D2A1C

 051602

 E6F7E4

 E6F7E4

 D0F7CB

 FCF7FD

 BAF7B3

 FFF7FF

 A4F79A

 8EF781

 77F769

 61F750

 4BF737

 35F71E

 1FF706

# Harmonies

## Analogous

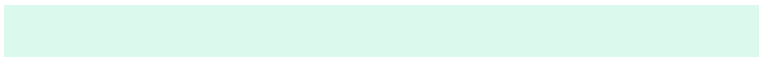
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F3F4DD



E6F7E4



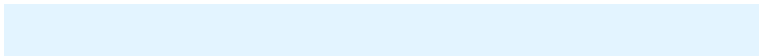
DCF9EE

# Triad

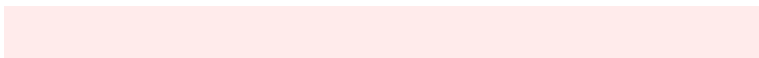
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E6F7E4



E3F4FF



FFE4E4

# Complementary

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



E6F7E4



F5E4F7

# 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.



FFEBF6



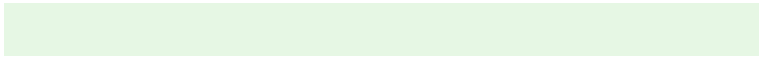
E6F7E4



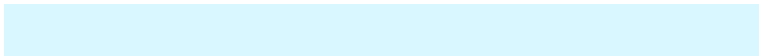
F1F0FF

# Square

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



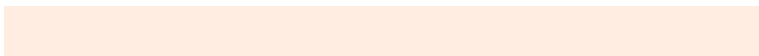
E6F7E4



D9F7FF



FEEDFF



FFEDE1

# Rectangle

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



E6F7E4



D8F9F6



FEEDFF

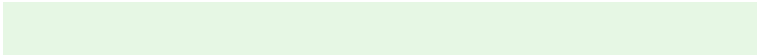


FFECEE



# Sweetspot

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



E6F7E4



FAFFFA



F7F5E4



7D807D



000000



808080



# Same Dimension

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



E6F7E4



EAFFE8



E4F7EB



6F7A6E



14BA00



063B00



# Inverse Universe

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



F5E4F7



FDE8FF



F7E4F0



796E7A



A700BA



34003B



# Previews

## White Background



This preview shows how the Hex color E6F7E4 looks on a white background.

## Color Contrast Check

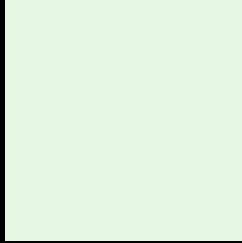
Large Text (above 18pt) WCAG AA × Fail

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 E6F7E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

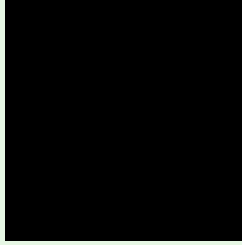
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

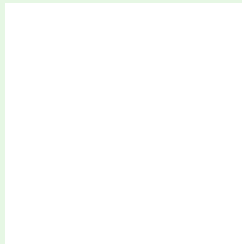
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6F7E4 Background



This preview shows how black text looks on a background with the Hex color E6F7E4.

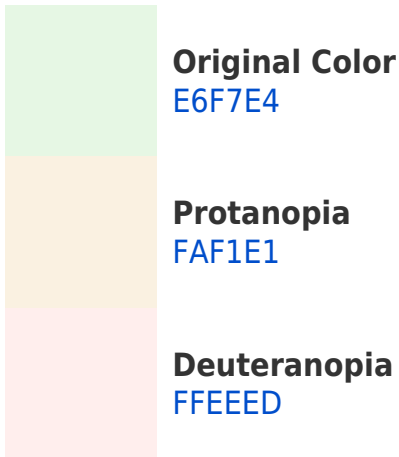


This preview shows how white text looks on a background with the Hex color E6F7E4.

# Color Blindness Simulation

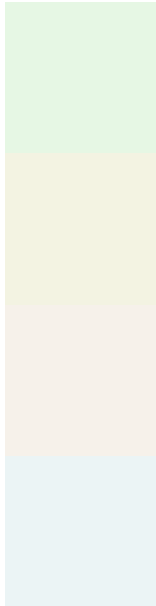
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



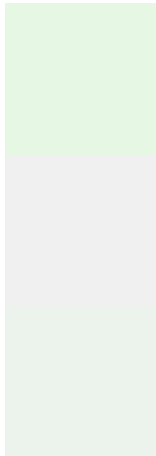
**Original Color**  
E6F7E4

**Protanomaly**  
F3F3E2

**Deuteranomaly**  
F6F1EA

**Tritanomaly**  
EBF4F5

# Monochromacy



**Original Color**  
E6F7E4

**Achromatopsia**  
F0F0F0

**Achromatomaly**  
ECF3EC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6F7E4 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 #E6F7E4 looks like.

```
.text, #text, p{  
    color:#E6F7E4  
}
```

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 #E6F7E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6F7E4
}
```

## Border

The CSS property to change the border of an element to Hex E6F7E4 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
#E6F7E4 }
```

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

```
.border{ border-color:#E6F7E4 }
```

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

Here you see how a box with a 4 pixel #E6F7E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6F7E4; -webkit-box-shadow:4px 4px  
4px 4px #E6F7E4; box-shadow:4px 4px 4px  
4px #E6F7E4 }
```

# Background

The CSS property to change the background color of an element to Hex E6F7E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6F7E4 }
```

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

```
.background{ background-color:#E6F7E4 }
```

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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