

# Converting Colors

Hex(F0F4E6)

Have a look what the booklet for  
Hex(F0F4E6) contains.

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# **Color**

**Hex(F0F4E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F0F4E6
RGB	240, 244, 230
RGB Percent	94%, 96%, 90%
CMY	0.0588, 0.0431, 0.0980
CMYK	0.02, 0.00, 0.06, 0.04
HSL	77°, 39%, 93%
HSV	77°, 6%, 96%
XYZ	82.5688, 88.9398, 87.6782
YIQ	241.2080, 2.1100, -5.2020

# Conversions

## Conversions Part 2

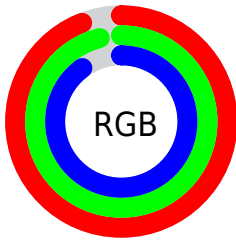
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 244, 234
Decimal	15791334
CIE Lab	95.56, -3.76, 6.27
CIE LCh	96, 7.307, 120.936
Yxy	88.9398, 0.3186, 0.3431
Android (android.graphics.Color)	4293981414 (0xFFFF0F4E6)
YUV	241.2080, -5.5255, -1.0594
Hunter-Lab	94.3079, -8.7579, 10.8935

# Details

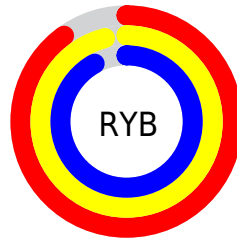
The Hex color **F0F4E6** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EAE6F4**, and the grayscale version is **F1F1F1**.

A 20% lighter version of the original color is **FFFFFF**, and **B8BCAF** is the 20% darker color. If you saturate the color by 10%, you get **E9F4CE**, and if you desaturate by 10%, it is **F7F4FE**.

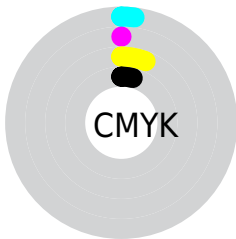
# Distribution



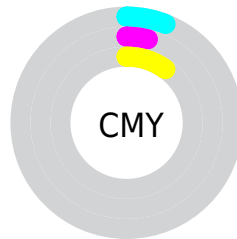
- Red (94%)
- Green (96%)
- Blue (90%)



- Red (90%)
- Yellow (96%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0F4E6 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 F0F4E6 by changing the saturation by 10% instead.



 F0F4E6

FFFFFF

 F0F4E6

 D4D8CA

 B8BCAF

 9DA194

 83877A

 6A6D61

 52554A

 3B3E33

 25281E

 101405

 F0F4E6

 F0F4E6

 E9F4CE

 F7F4FE

 E2F4B5

 FEF4FF

 DBF49D

 FFF4FF

 D4F484

 CDF46C

 C6F454

 BFF43B

 B8F423

 B1F40A

# Harmonies

## Analogous

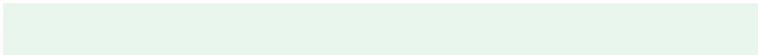
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F8F2E4



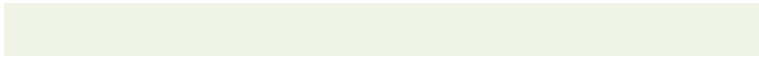
F0F4E6



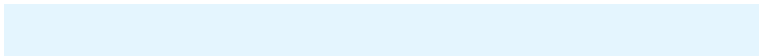
E8F6EB

# Triad

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



F0F4E6



E4F5FE



FFEEF2

# Complementary

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



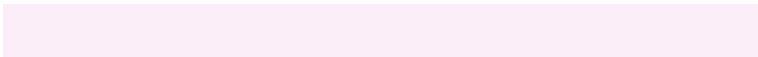
F0F4E6



EAE6F4

# Split Complementary

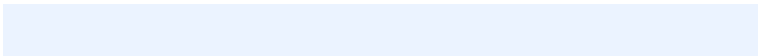
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FCEE9



F0F4E6



EBF3FF

# Square

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



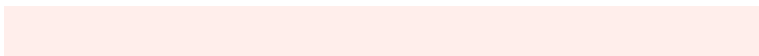
F0F4E6



E1F6F9



F4F0FE



FFEEEB

# Rectangle

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



F0F4E6



E4F6F0



F4F0FE



FFEEF5



# Sweetspot

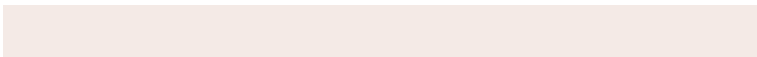
The Sweet Spot groups the original color and five complimentary colors.



F0F4E6



FEFFFA



F4EAE6



7F807D



000000



808080



# Same Dimension

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



F0F4E6



FAFFED



E9F4E6



787A71



85BA00



2A3B00



# Inverse Universe

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



EAE6F4



F2EDFF



F1E6F4



73717A



3500BA

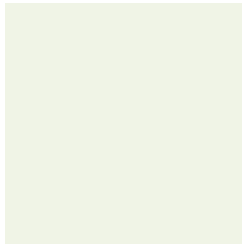


11003B



# Previews

## White Background



This preview shows how the Hex color F0F4E6 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 F0F4E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

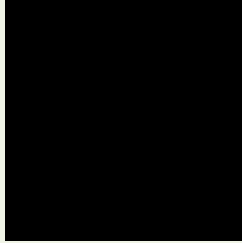
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

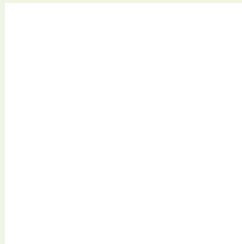
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F0F4E6 Background



This preview shows how black text looks on a background with the Hex color F0F4E6.



This preview shows how white text looks on a background with the Hex color F0F4E6.

# 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](#).

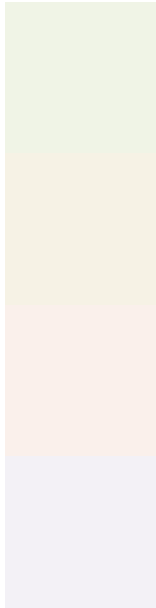
## Dichromacy





**Tritanopia**  
F4F0FF

# Trichromacy



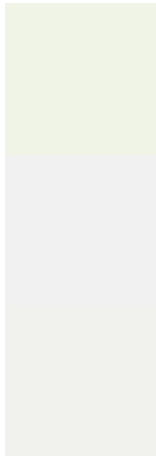
**Original Color**  
F0F4E6

**Protanomaly**  
F6F2E5

**Deuteranomaly**  
FAF0EB

**Tritanomaly**  
F3F1F6

# Monochromacy



**Original Color**  
F0F4E6

**Achromatopsia**  
F1F1F1

**Achromatomaly**  
F1F2ED

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0F4E6 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 #F0F4E6 looks like.

```
.text, #text, p{  
    color:#F0F4E6  
}
```

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 #F0F4E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0F4E6  
}
```

## Border

The CSS property to change the border of an element to Hex F0F4E6 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  
#F0F4E6 }
```

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

```
.border{ border-color:#F0F4E6 }
```

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

Here you see how a box with a 4 pixel #F0F4E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0F4E6; -webkit-box-shadow:4px 4px  
4px 4px #F0F4E6; box-shadow:4px 4px 4px  
4px #F0F4E6 }
```

# Background

The CSS property to change the background color of an element to Hex F0F4E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0F4E6 }
```

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

```
.background{ background-color:#F0F4E6 }
```

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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