

# Converting Colors

Hex(F5F7EC)

Have a look what the booklet for  
Hex(F5F7EC) contains.

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# **Color**

**Hex(F5F7EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5F7EC
RGB	245, 247, 236
RGB Percent	96%, 97%, 93%
CMY	0.0392, 0.0314, 0.0745
CMYK	0.01, 0.00, 0.04, 0.03
HSL	71°, 41%, 95%
HSV	71°, 4%, 97%
XYZ	86.0573, 91.9901, 92.5770
YIQ	245.1480, 2.3390, -3.8450

# Conversions

## Conversions Part 2

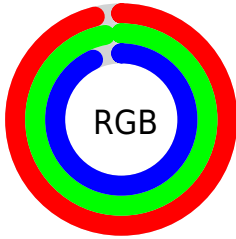
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 247, 238
Decimal	16119788
CIE <sub>Lab</sub>	96.82, -2.57, 5.04
CIE <sub>LCh</sub>	97, 5.655, 116.982
Yxy	91.9901, 0.3180, 0.3399
Android (android.graphics.Color)	4294309868 (0xFF5F7EC)
YUV	245.1480, -4.5100, -0.1298
Hunter-Lab	95.9115, -7.6847, 9.9093

# Details

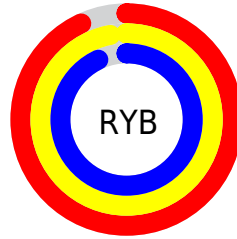
The Hex color **F5F7EC** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EEECF7**, and the grayscale version is **F5F5F5**.

A 20% lighter version of the original color is **FFFFFF**, and **BDBFB4** is the 20% darker color. If you saturate the color by 10%, you get **F1F7D3**, and if you desaturate by 10%, it is **F9F7FF**.

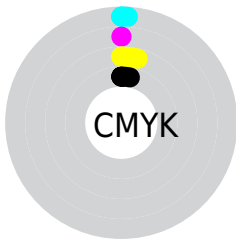
# Distribution



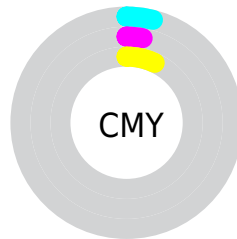
- Red (96%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5F7EC 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 F5F7EC by changing the saturation by 10% instead.



 F5F7EC

FFFFFF

 F5F7EC

 D9DBD0

 BDBFB4

 A2A499


 888980

 6E7066

 56584E

 3F4038

 292A22

 15160C

 F5F7EC

 F5F7EC

 F1F7D3

 F9F7FF

 ECF7BB

 FEF7FF

 E8F7A2

 FFF7FF

 E3F789

 DFF771

 DAF758

 D6F73F

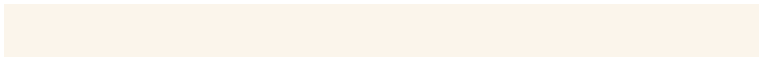
 D1F726

 CDF70E

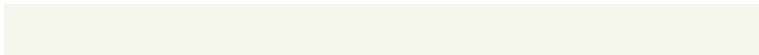
# Harmonies

## Analogous

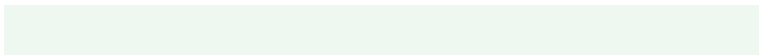
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FBF5EB



F5F7EC



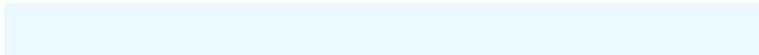
EFF8F0

# Triad

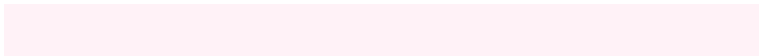
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F5F7EC



EBF8FF



FFF2F7

# Complementary

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



F5F7EC



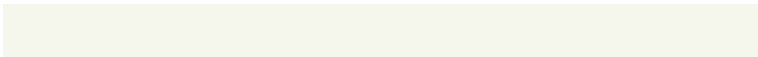
EEECF7

# Split Complementary

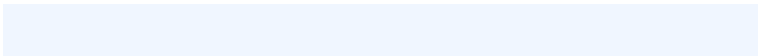
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FDF3FC



F5F7EC



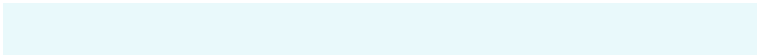
F0F6FF

# Square

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



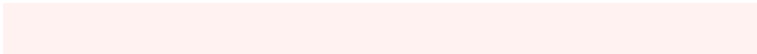
F5F7EC



E9F9FB



F6F5FF



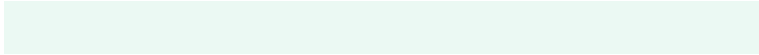
FFF2F1

# Rectangle

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



F5F7EC



EBF9F3



F6F5FF



FFF2F8



# Sweetspot

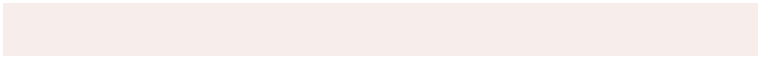
The Sweet Spot groups the original color and five complimentary colors.



F5F7EC



FFFFFC



F7EEEC



7F807E



000000



808080



# Same Dimension

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



F5F7EC



FDFFF2



F0F7EC



797A73



98BA00



303B00



# Inverse Universe

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



EEECF7



F5F2FF



F3ECF7



74737A



2200BA

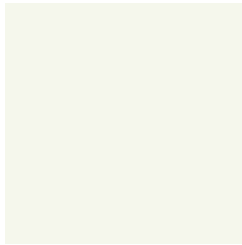


0B003B



# Previews

## White Background



This preview shows how the Hex color F5F7EC looks on a white background.

## Color Contrast Check

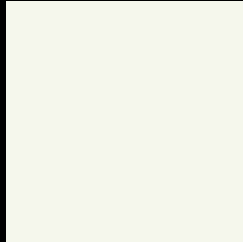
Large Text (above 18pt) WCAG AA × Fail

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 F5F7EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

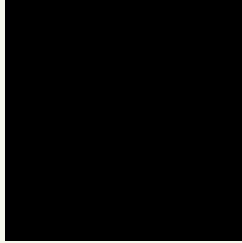
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

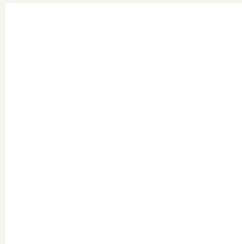
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F5F7EC Background



This preview shows how black text looks on a background with the Hex color F5F7EC.

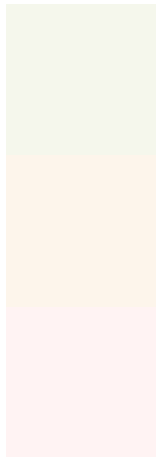


This preview shows how white text looks on a background with the Hex color F5F7EC.

# 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**  
F5F7EC

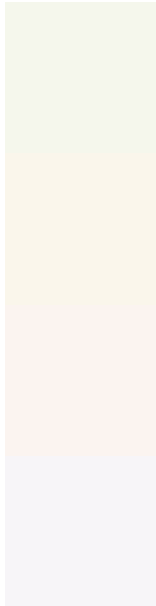
**Protanopia**  
FDF5EB

**Deuteranopia**  
FFF3F3



**Tritanopia**  
F8F4FF

# Trichromacy



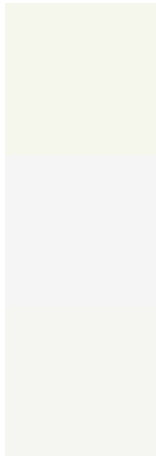
**Original Color**  
F5F7EC

**Protanomaly**  
FAF6EB

**Deuteranomaly**  
FBF4F0

**Tritanomaly**  
F7F5F8

# Monochromacy



**Original Color**  
F5F7EC

**Achromatopsia**  
F5F5F5

**Achromatomaly**  
F5F6F2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5F7EC 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 #F5F7EC looks like.

```
.text, #text, p{  
    color:#F5F7EC  
}
```

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 #F5F7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5F7EC  
}
```

## Border

The CSS property to change the border of an element to Hex F5F7EC 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  
#F5F7EC }
```

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

```
.border{ border-color:#F5F7EC }
```

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

Here you see how a box with a 4 pixel #F5F7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5F7EC; -webkit-box-shadow:4px 4px  
4px 4px #F5F7EC; box-shadow:4px 4px 4px  
4px #F5F7EC }
```

# Background

The CSS property to change the background color of an element to Hex F5F7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5F7EC }
```

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

```
.background{ background-color:#F5F7EC }
```

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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