

# Converting Colors

Hex(ECF0EE)

Have a look what the booklet for  
Hex(ECF0EE) contains.

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# **Color**

**Hex(ECF0EE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ECF0EE
RGB	236, 240, 238
RGB Percent	93%, 94%, 93%
CMY	0.0745, 0.0588, 0.0667
CMYK	0.02, 0.00, 0.01, 0.06
HSL	150°, 12%, 93%
HSV	150°, 2%, 94%
XYZ	81.1848, 86.3261, 93.2726
YIQ	238.5760, -1.7420, -1.4700

# Conversions

## Conversions Part 2

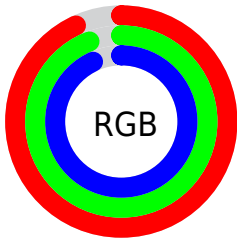
Format	Color
R <sub>Y</sub> B	236, 239, 240
Decimal	15528174
CIE Lab	94.45, -1.68, 0.49
CIE LCh	94, 1.750, 163.781
Yxy	86.3261, 0.3113, 0.3310
Android (android.graphics.Color)	4293718254 (0xFFE0EE)
YUV	238.5760, -0.2840, -2.2592
Hunter-Lab	92.9118, -6.6255, 5.5181

# Details

The Hex color `ECF0EE` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `F0ECEE`, and the grayscale version is `EFEFEF`.

A 20% lighter version of the original color is `FFFFFF`, and `B4B8B6` is the 20% darker color. If you saturate the color by 10%, you get `D4F0E2`, and if you desaturate by 10%, it is `FFF0FA`.

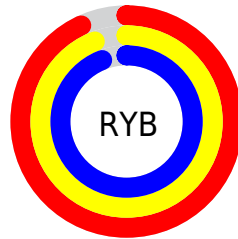
# Distribution



Red (93%)

Green (94%)

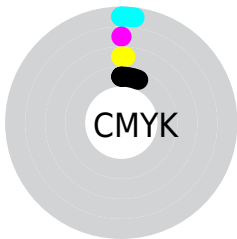
Blue (93%)



Red (93%)

Yellow (94%)

Blue (94%)

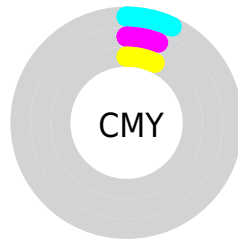


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECF0EE 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 ECF0EE by changing the saturation by 10% instead.



 ECF0EE

 ECF0EE

FFFFFF

 D0D4D2

 B4B8B6

 999D9B

 808381

 666A68

 4F5250

 383B39

 222524

 0C100E

 ECF0EE

 ECF0EE

 D4F0E2

 FFF0FA

 BCF0D6

 FFF0FF

 A4F0CA

 8CF0BE

 74F0B2

 5CF0A6

 44F09A

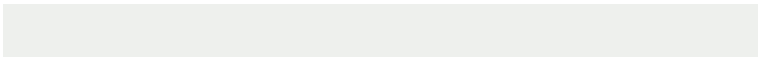
 2CF08E

 14F082

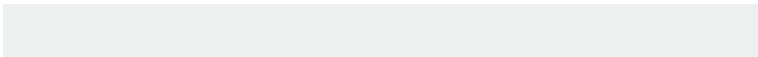
# Harmonies

## Analogous

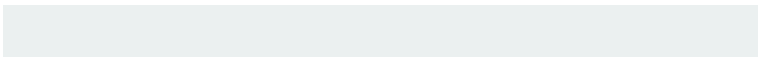
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EEF0ED



ECF0EE



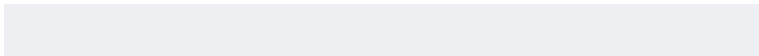
EBF0F0

# Triad

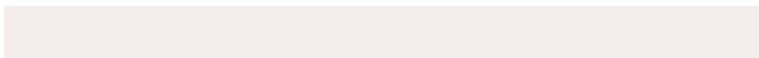
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



ECF0EE



EEEEF2



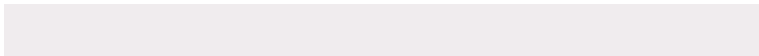
F3EEED

# Complementary

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



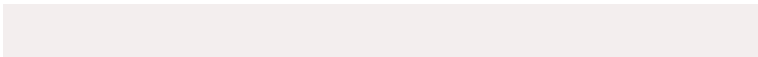
ECF0EE



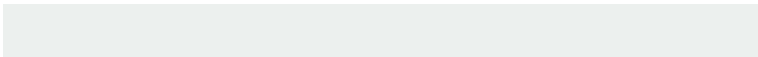
FOECEE

# Split Complementary

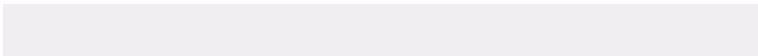
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F3EEEE



ECF0EE



F0EEF1

# Square

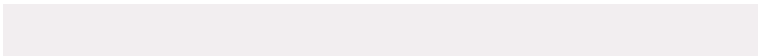
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



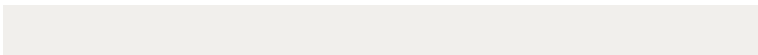
ECF0EE



ECEFF2



F2EEF0



F1EFEC

# Rectangle

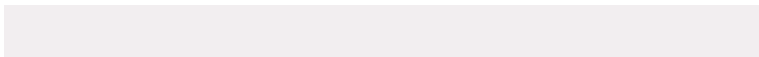
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



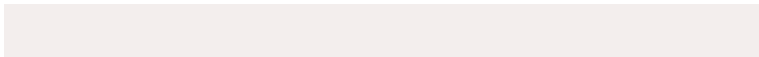
ECF0EE



EBF0F1



F2EEF0



F3EEED



# Sweetspot

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



ECF0EE

FFFFFF



EEF0EC



808080



000000

# Same Dimension

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



ECF0EE



FAFFFC



ECF0F0



757877



00B85C



00381C

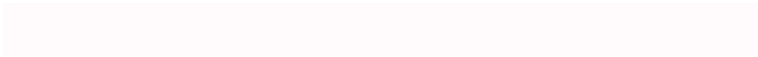


# Inverse Universe

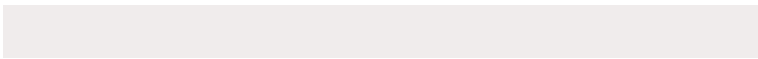
The Inverse Universe completely reimagines the original color for something new.



F0ECEE



FFFAFC



F0ECEC



787577



B8005C

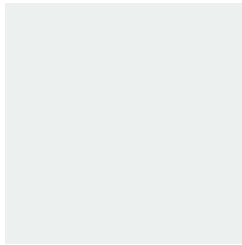


38001C



# Previews

## White Background



This preview shows how the Hex color ECF0EE looks on a white background.

## Color Contrast Check

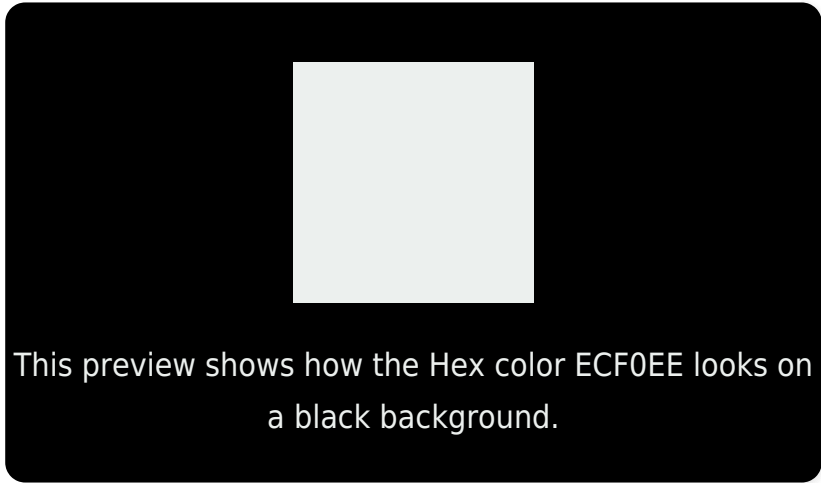
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

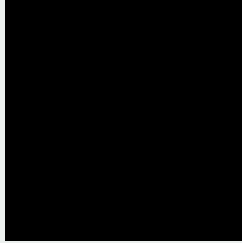
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

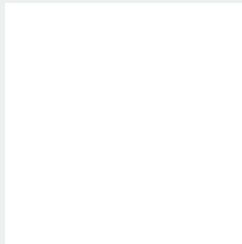
Any Text WCAG AAA ✓ Pass

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

## Hex ECF0EE Background



This preview shows how black text looks on a background with the Hex color ECF0EE.



This preview shows how white text looks on a background with the Hex color ECF0EE.



# Color Blindness Simulation

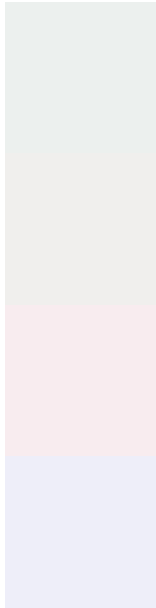
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



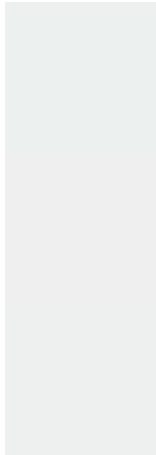
**Original Color**  
ECF0EE

**Protanomaly**  
F0EFED

**Deuteranomaly**  
F8ECEf

**Tritanomaly**  
EEEEf9

# Monochromacy



**Original Color**  
ECF0EE

**Achromatopsia**  
EFEFEf

**Achromatomaly**  
EEEEFEf

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECF0EE 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 #ECF0EE looks like.

```
.text, #text, p{  
    color:#ECF0EE  
}
```

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 #ECF0EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECF0EE
}
```

## Border

The CSS property to change the border of an element to Hex ECF0EE 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
#ECF0EE }
```

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

```
.border{ border-color:#ECF0EE }
```

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

Here you see how a box with a 4 pixel #ECF0EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECF0EE; -webkit-box-shadow:4px 4px  
4px 4px #ECF0EE; box-shadow:4px 4px 4px  
4px #ECF0EE }
```

# Background

The CSS property to change the background color of an element to Hex ECF0EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECF0EE }
```

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

```
.background{ background-color:#ECF0EE }
```

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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