

# Converting Colors

Hex(F0E8E5)

Have a look what the booklet for  
Hex(F0E8E5) contains.

|  |    |
|--|----|
| <b>Hex(F0E8E5)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(F0E8E5)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | F0E8E5                    |
| RGB         | 240, 232, 229             |
| RGB Percent | 94%, 91%, 90%             |
| CMY         | 0.0588, 0.0902, 0.1020    |
| CMYK        | 0.00, 0.03, 0.05, 0.06    |
| HSL         | 16°, 27%, 92%             |
| HSV         | 16°, 5%, 94%              |
| XYZ         | 78.9346, 81.8956, 85.7759 |
| YIQ         | 234.0500, 5.7310, 0.7630  |

# Conversions

## Conversions Part 2

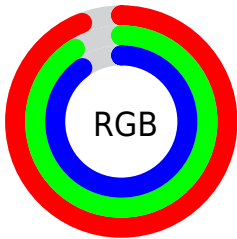
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 240, 233, 229                |
| Decimal                             | 15788261                     |
| CIE Lab                             | 92.53, 2.18, 2.41            |
| CIE LCh                             | 93, 3.249, 47.760            |
| Yxy                                 | 81.8956, 0.3201,<br>0.3321   |
| Android<br>(android.graphics.Color) | 4293978341<br>(0xFF0E8E5)    |
| YUV                                 | 234.0500, -2.4896,<br>5.2182 |
| Hunter-Lab                          | 90.4962, -2.6730,<br>7.1499  |

# Details

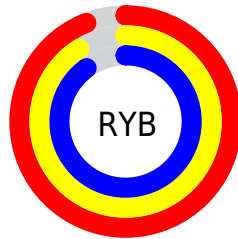
The Hex color **F0E8E5** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E5EDF0**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **B8B0AE** is the 20% darker color. If you saturate the color by 10%, you get **F0D7CD**, and if you desaturate by 10%, it is **F0F9FD**.

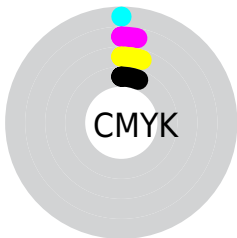
# Distribution



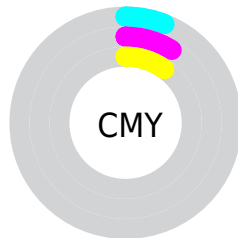
- Red (94%)
- Green (91%)
- Blue (90%)



- Red (94%)
- Yellow (91%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0E8E5 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 F0E8E5 by changing the saturation by 10% instead.



 F0E8E5

FFFFFF

 F0E8E5

 D4CCC9

 B8B0AE

 9D9693

 837C79

 6A6361

 524B49

 3B3532

 251F1D

 100703

 F0E8E5

 F0E8E5

 F0D7CD

 F0F9FD

 F0C5B5

 F0FFFF

 F0B49D

 F0A285

 F0916D

 F07F55

 F06E3D

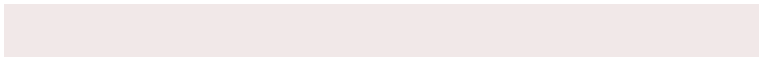
 F05C25

 F04B0D

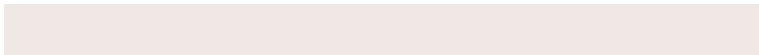
# Harmonies

## Analogous

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



F1E8E8



F0E8E5



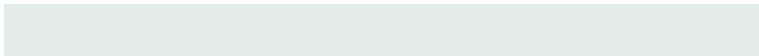
EEE9E3

# Triad

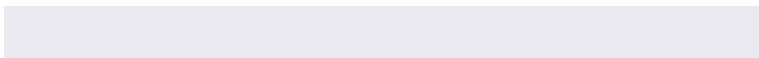
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F0E8E5



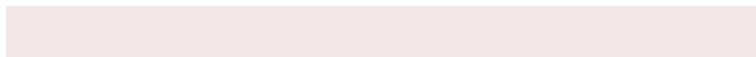
E4EBE8



E9E9EF

# Complementary

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



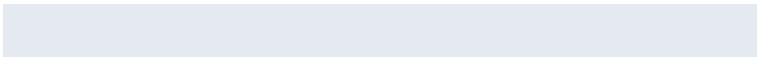
F0E8E5



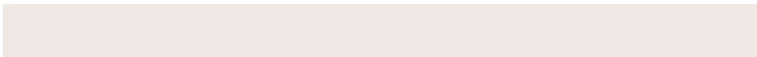
E5EDF0

# Split Complementary

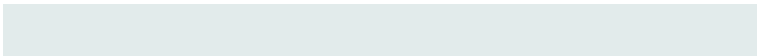
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E5EAF0



F0E8E5



E2EBEB

# Square

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



F0E8E5



E7EBE5



E3EBEE



ECE8EE

# Rectangle

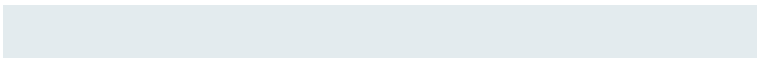
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



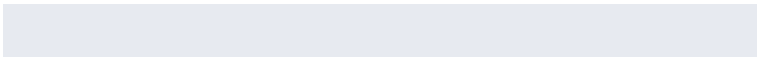
F0E8E5



EBEAE3



E3EBEE



E7EAF0



# Sweetspot

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



F0E8E5



FFFDFC



F0E5ED



807F7E



000000



808080

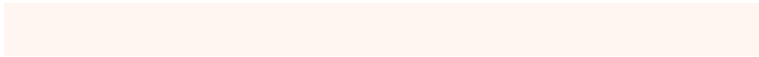


# Same Dimension

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



F0E8E5



FFF6F2



F0EDE5



787371



B83200

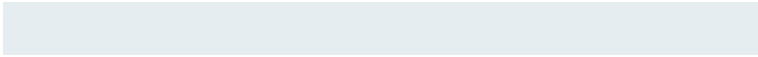


380F00

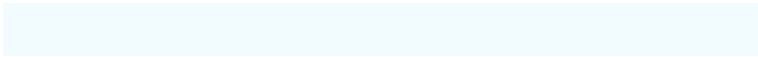


# Inverse Universe

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



E5EDF0



F2FCFF



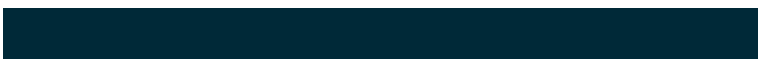
E5E8F0



717678



0086B8

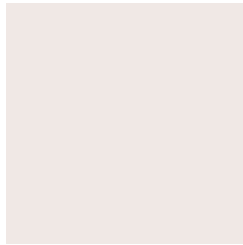


002938



# Previews

## White Background



This preview shows how the Hex color F0E8E5 looks on a white background.

## Color Contrast Check

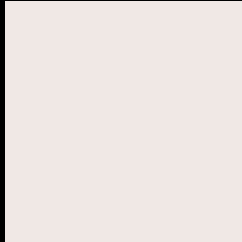
Large Text (above 18pt) WCAG AA × Fail

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 F0E8E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

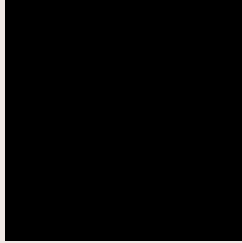
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

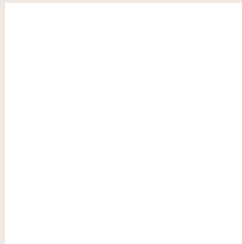
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F0E8E5 Background



This preview shows how black text looks on a background with the Hex color F0E8E5.



This preview shows how white text looks on a background with the Hex color F0E8E5.

# 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](#).

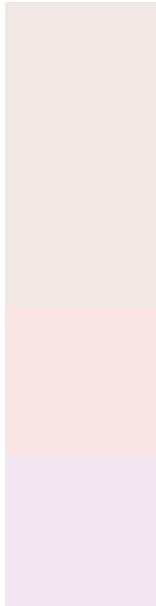
## Dichromacy





**Tritanopia**  
F3E5F7

# Trichromacy



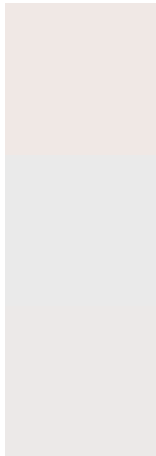
**Original Color**  
F0E8E5

**Protanomaly**  
EFE8E5

**Deuteranomaly**  
FAE5E6

**Tritanomaly**  
F2E6F0

# Monochromacy



**Original Color**  
F0E8E5

**Achromatopsia**  
EAEAEA

**Achromatomaly**  
ECE9E8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0E8E5 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 #F0E8E5 looks like.

```
.text, #text, p{  
    color:#F0E8E5  
}
```

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 #F0E8E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0E8E5
}
```

## Border

The CSS property to change the border of an element to Hex F0E8E5 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
#F0E8E5 }
```

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

```
.border{ border-color:#F0E8E5 }
```

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

Here you see how a box with a 4 pixel #F0E8E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0E8E5; -webkit-box-shadow:4px 4px  
4px 4px #F0E8E5; box-shadow:4px 4px 4px  
4px #F0E8E5 }
```

# Background

The CSS property to change the background color of an element to Hex F0E8E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0E8E5 }
```

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

```
.background{ background-color:#F0E8E5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor