

# Converting Colors

Hex(EBF8E0)

Have a look what the booklet for  
Hex(EBF8E0) contains.

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# Color

**Hex(EBF8E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EBF8E0
RGB	235, 248, 224
RGB Percent	92%, 97%, 88%
CMY	0.0784, 0.0275, 0.1216
CMYK	0.05, 0.00, 0.10, 0.03
HSL	93°, 63%, 93%
HSV	93°, 10%, 97%
XYZ	81.2829, 90.1788, 83.6432
YIQ	241.3770, -0.0440, -10.2200

# Conversions

## Conversions Part 2

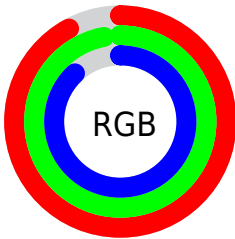
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">224, 248, 237</a>
Decimal	<a href="#">15464672</a>
CIELab	<a href="#">96.07, -8.47, 10.06</a>
CIELCh	<a href="#">96, 13.147, 130.102</a>
Yxy	<a href="#">90.1788, 0.3186, 0.3535</a>
Android (android.graphics.Color)	<a href="#">4293654752 (0xFFEBF8E0)</a>
YUV	<a href="#">241.3770, -8.5669, -5.5926</a>
Hunter-Lab	<a href="#">94.9625, -13.3978, 14.2510</a>

# Details

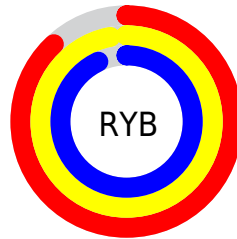
The Hex color **EBF8E0** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EDE0F8**, and the grayscale version is **F1F1F1**.

A 20% lighter version of the original color is **FFFFFF**, and **B3C0A9** is the 20% darker color. If you saturate the color by 10%, you get **DEF8C7**, and if you desaturate by 10%, it is **F8F8F9**.

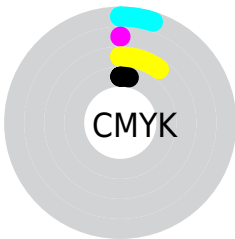
# Distribution



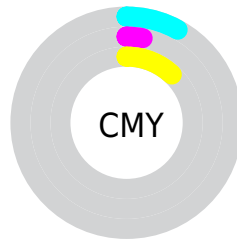
- Red (92%)
- Green (97%)
- Blue (88%)



- Red (88%)
- Yellow (97%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBF8E0 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 EBF8E0 by changing the saturation by 10% instead.



 EBF8E0

FFFFFF

 EBF8E0

 CFDDBC4

 B3C0A9

 98A58E

 7E8A75

 65715C

 4D5845

 36412E

 212B19

 0C1700

 EBF8E0

 EBF8E0

 DEF8C7

 F8F8F9

 D0F8AE

 FFF8FF

 C3F896

 B5F87D

 A8F864

 9AF84B

 8DF832

 80F81A

 72F801

# Harmonies

## Analogous

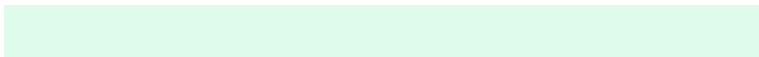
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FAF4DB



EBF8E0



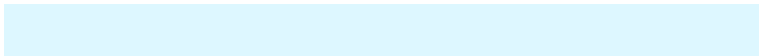
DEFBEB

# Triad

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



EBF8E0



DDF7FF



FFEBF0

# Complementary

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



EBF8E0



EDE0F8

# Split Complementary

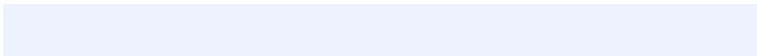
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFECFD



EBF8E0



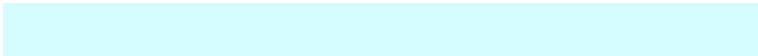
ECF3FF

# Square

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



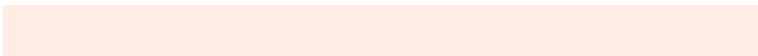
EBF8E0



D5FAFF



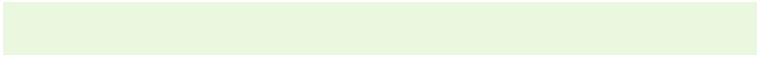
FCEFFF



FFEDE4

# Rectangle

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



EBF8E0



D7FBF3



FCEFFF



FFEBF4



# Sweetspot

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



EBF8E0



FBFFF7



F8EDE0



7D807A



000000



808080



# Same Dimension

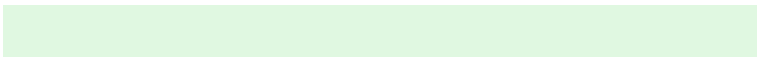
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EBF8E0



EEFFE0



E0F8E1



767D70



56BD00



1C3D00



# Inverse Universe

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



EDE0F8



F1E0FF



F8E0F7



77707D



6600BD

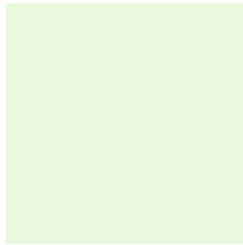


21003D



# Previews

## White Background



This preview shows how the Hex color EBF8E0 looks on a white background.

## Color Contrast Check

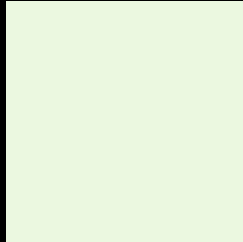
Large Text (above 18pt) WCAG AA × Fail

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 EBF8E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

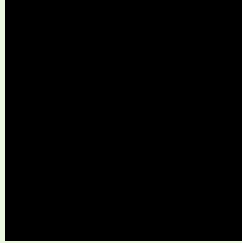
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

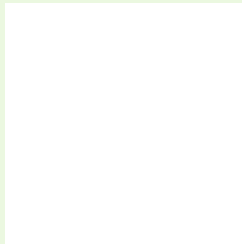
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EBF8E0 Background



This preview shows how black text looks on a background with the Hex color EBF8E0.

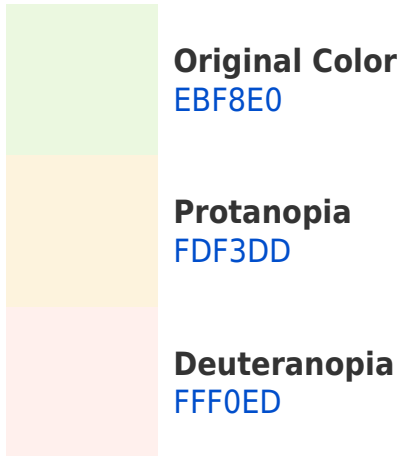


This preview shows how white text looks on a background with the Hex color EBF8E0.

# 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](#).

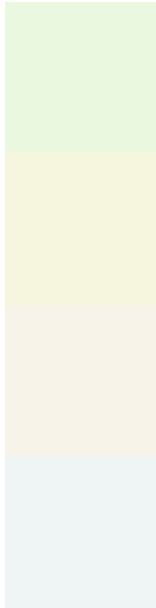
## Dichromacy





**Tritanopia**  
F2F3FF

# Trichromacy



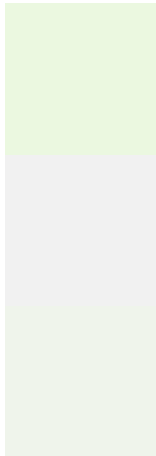
**Original Color**  
EBF8E0

**Protanomaly**  
F6F5DE

**Deuteranomaly**  
F8F3E8

**Tritanomaly**  
EFF5F4

# Monochromacy



**Original Color**  
EBF8E0

**Achromatopsia**  
F1F1F1

**Achromatomaly**  
EFF4EB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBF8E0 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 #EBF8E0 looks like.

```
.text, #text, p{  
    color:#EBF8E0  
}
```

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 #EBF8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBF8E0  
}
```

## Border

The CSS property to change the border of an element to Hex EBF8E0 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  
#EBF8E0 }
```

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

```
.border{ border-color:#EBF8E0 }
```

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

Here you see how a box with a 4 pixel #EBF8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBF8E0; -webkit-box-shadow:4px 4px  
4px 4px #EBF8E0; box-shadow:4px 4px 4px  
4px #EBF8E0 }
```

# Background

The CSS property to change the background color of an element to Hex EBF8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBF8E0 }
```

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

```
.background{ background-color:#EBF8E0 }
```

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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