

# Converting Colors

Hex(EBEBB3)

Have a look what the booklet for  
Hex(EBEBB3) contains.

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# **Color**

**Hex(EBEBB3)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | EBEBB3                      |
| RGB         | 235, 235, 179               |
| RGB Percent | 92%, 92%, 70%               |
| CMY         | 0.0784, 0.0784, 0.2980      |
| CMYK        | 0.00, 0.00, 0.24, 0.08      |
| HSL         | 60°, 58%, 81%               |
| HSV         | 60°, 24%, 92%               |
| XYZ         | 72.1060, 80.3335, 54.3534   |
| YIQ         | 228.6160, 17.9760, -17.4160 |

# Conversions

## Conversions Part 2

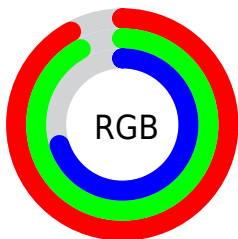
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 179, 235, 179                 |
| Decimal                             | 15461299                      |
| CIELab                              | 91.83, -8.79, 27.27           |
| CIELCh                              | 92, 28.647, 107.860           |
| Yxy                                 | 80.3335, 0.3487,<br>0.3885    |
| Android<br>(android.graphics.Color) | 4293651379<br>(0xFFEBEBB3)    |
| YUV                                 | 228.6160, -24.4607,<br>5.5988 |
| Hunter-Lab                          | 89.6290, -13.2485,<br>26.7853 |

# Details

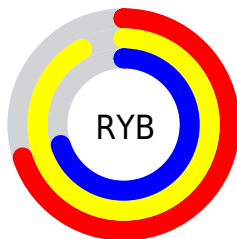
The Hex color **EBEBB3** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **B3B3EB**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFEB**, and **B3B37E** is the 20% darker color. If you saturate the color by 10%, you get **EBEB9B**, and if you desaturate by 10%, it is **EBEBCB**.

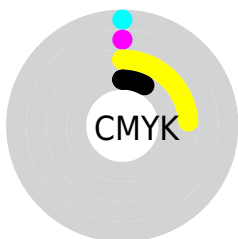
# Distribution



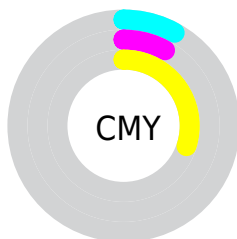
- Red (92%)
- Green (92%)
- Blue (70%)



- Red (70%)
- Yellow (92%)
- Blue (70%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBEBB3 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 EBEBB3 by changing the saturation by 10% instead.



 EBEBB3

 EBEBB3

FFFFFF

 CFCF98

 FFFFEB

 B3B37E

 989965

 7D7F4C

 646635

 4B4E1E

 333707

 1E2200

 000C00

 EBEBB3

 EBEBB3

 EBEB9B

 EBEBCB

 EBEB84

 EBEBE2

 EBEB6C

 EBEBF9

 EBEB55

 EBEBFF

 EBEB3D

 EBEB26

 EBEB0E

 EBEB00

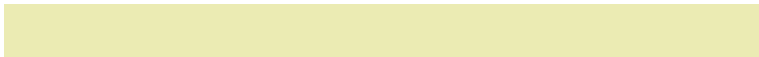
# Harmonies

## Analogous

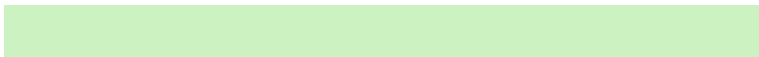
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE2B2



EBEBB3



CCF2C2

# Triad

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



EBEBB3



9EF4FF



FFD5F4

# Complementary

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



EBEBB3



B3B3EB

# Split Complementary

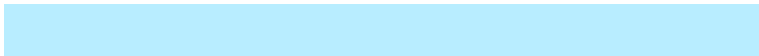
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDBFF



EBEBB3



B8EDFF

# Square

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



EBEBB3



9BF7F7



DDE4FF



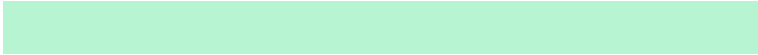
FFD4D8

# Rectangle

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



EBEBB3



B7F5D2



DDE4FF



FFD7FD



# Sweetspot

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



EBEBB3



FFFFED



EBB3B3



808075



000000



808080



# Same Dimension

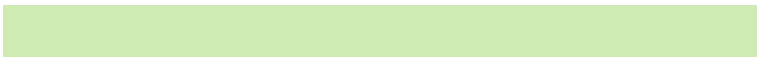
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EBEBB3



FFFFB5



CFEBB3



75756A



B5B500



363600



# Inverse Universe

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



B3B3EB



B5B5FF



CFB3EB



6A6A75



0000B5

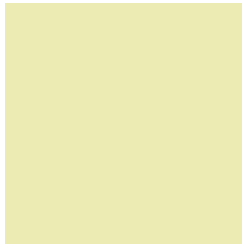


000036



# Previews

## White Background



This preview shows how the Hex color EBEBB3 looks on a white background.

## Color Contrast Check

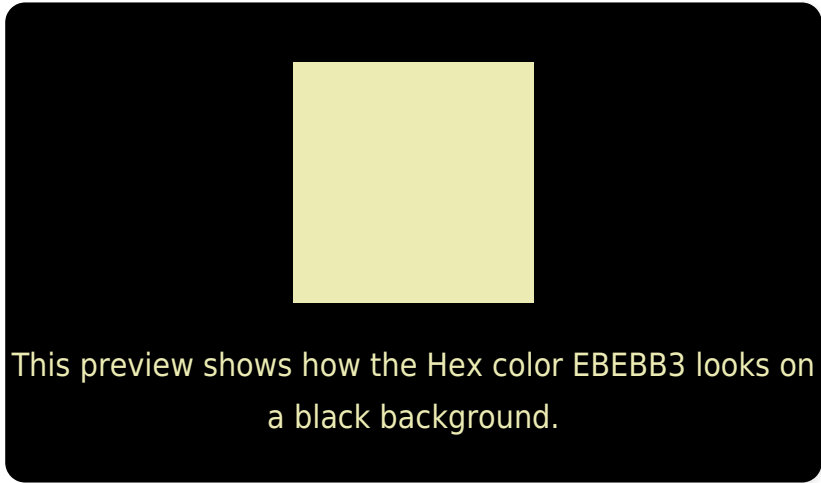
Large Text (above 18pt) WCAG AA × Fail

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

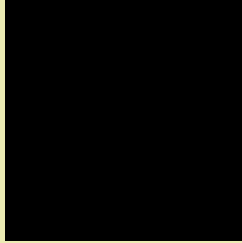
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

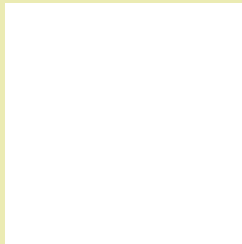
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EBEBB3 Background



This preview shows how black text looks on a background with the Hex color EBEBB3.

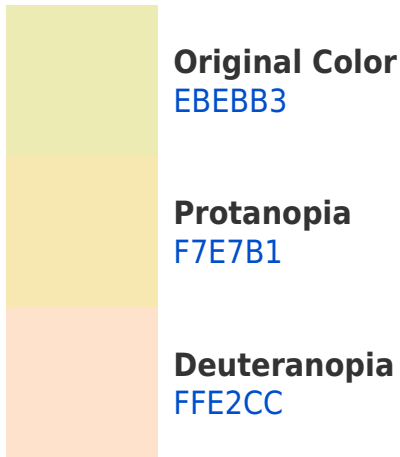


This preview shows how white text looks on a background with the Hex color EBEBB3.

# 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](#).

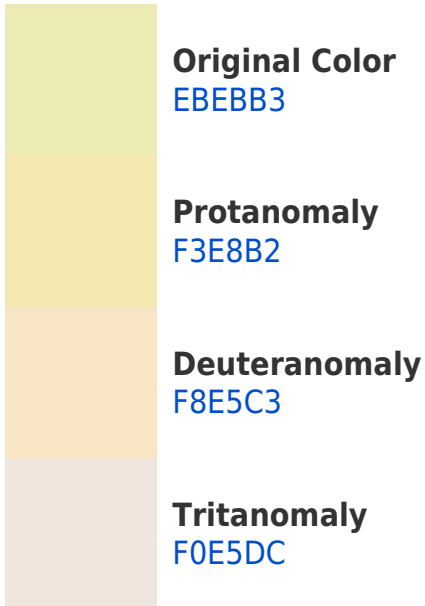
## Dichromacy



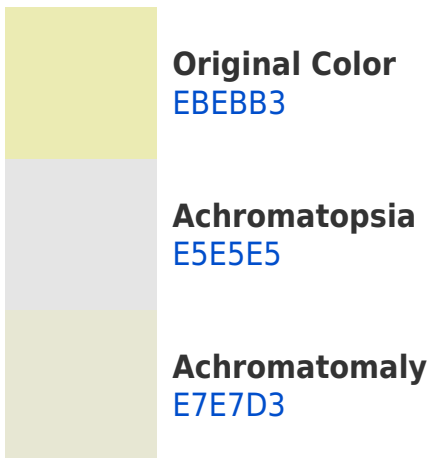


**Tritanopia**  
F3E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBEBB3 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 #EBEBB3 looks like.

```
.text, #text, p{  
    color:#EBEBB3  
}
```

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 #EBEBB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBEBB3
}
```

## Border

The CSS property to change the border of an element to Hex EBEBB3 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
#EBEBB3 }
```

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

```
.border{ border-color:#EBEBB3 }
```

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

Here you see how a box with a 4 pixel #EBEBB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBEBB3; -webkit-box-shadow:4px 4px  
4px 4px #EBEBB3; box-shadow:4px 4px 4px  
4px #EBEBB3 }
```

# Background

The CSS property to change the background color of an element to Hex EBEBB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBEBB3 }
```

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

```
.background{ background-color:#EBEBB3 }
```

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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