

# Converting Colors

Hex(E3EBB1)

Have a look what the booklet for  
Hex(E3EBB1) contains.

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# **Color**

**Hex(E3EBB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3EBB1
RGB	227, 235, 177
RGB Percent	89%, 92%, 69%
CMY	0.1098, 0.0784, 0.3059
CMYK	0.03, 0.00, 0.25, 0.08
HSL	68°, 59%, 81%
HSV	68°, 25%, 92%
XYZ	69.3227, 78.9219, 53.1747
YIQ	225.9960, 13.8500, -19.7340

# Conversions

## Conversions Part 2

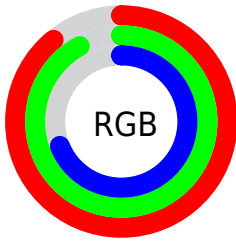
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">177, 235, 185</a>
Decimal	<a href="#">14937009</a>
CIELab	<a href="#">91.20, -11.99, 27.33</a>
CIELCh	<a href="#">91, 29.842, 113.694</a>
Yxy	<a href="#">78.9219, 0.3442, 0.3918</a>
Android (android.graphics.Color)	<a href="#">4293127089 (0xFFE3EBB1)</a>
YUV	<a href="#">225.9960, -24.1550, 0.8805</a>
Hunter-Lab	<a href="#">88.8380, -16.1781, 26.6981</a>

# Details

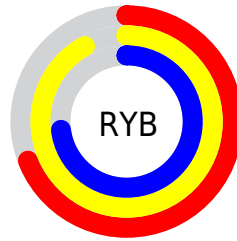
The Hex color **E3EBB1** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **B9B1EB**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFE9**, and **ABB37C** is the 20% darker color. If you saturate the color by 10%, you get **E0EB9A**, and if you desaturate by 10%, it is **E6EBC9**.

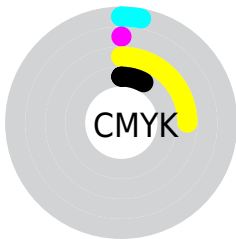
# Distribution



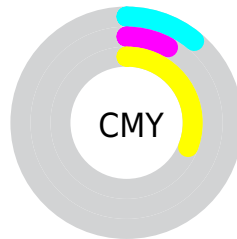
- Red (89%)
- Green (92%)
- Blue (69%)



- Red (69%)
- Yellow (92%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3EBB1 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 E3EBB1 by changing the saturation by 10% instead.



 E3EBB1

FFFFFF

 FFFFE9

 E3EBB1

 C7CF96

 ABB37C

 909963

 767F4A

 5D6633

 444E1D

 2D3705

 182100

 000800

 E3EBB1

 E3EBB1

 E0EB9A

 E6EBC9

 DDEB82

 E9EBE0

 D9EB6B

 EDEBF8

 D6EB53

 F0EBFF

 D3EB3C

 F3EBFF

 D0EB24

 F6EBFF

 CCEB0D

 FAEBFF

 CBEB00

 FDEBFF

 FFEBFF

# Harmonies

## Analogous

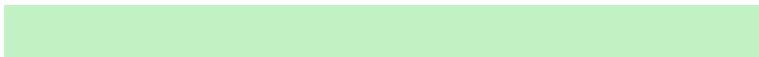
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE2AD



E3EBB1



C2F2C3

# Triad

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



E3EBB1



9CF2FF



FFD2ED

# Complementary

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



E3EBB1



B9B1EB

# Split Complementary

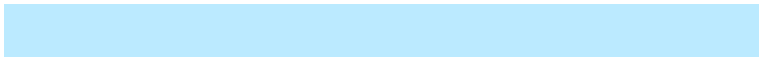
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD7FF



E3EBB1



BBEAFF

# Square

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



E3EBB1



94F6FC



E2E1FF



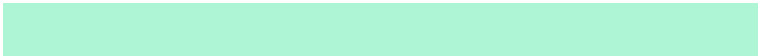
FFD2D0

# Rectangle

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



E3EBB1



ADF5D5



E2E1FF



FFD3F7



# Sweetspot

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



E3EBB1



FDFDED



EBB9B1



7E8075



000000



808080

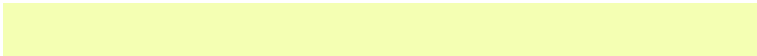


# Same Dimension

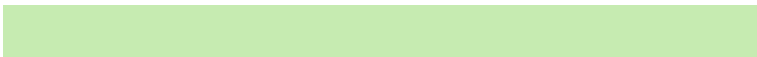
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E3EBB1



F4FFB3



C6EBB1



74756A



9CB500



2E3600



# Inverse Universe

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



B9B1EB



BDB3FF



D6B1EB



6B6A75



1900B5

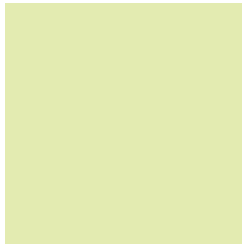


070036



# Previews

## White Background



This preview shows how the Hex color E3EBB1 looks on a white background.

## Color Contrast Check

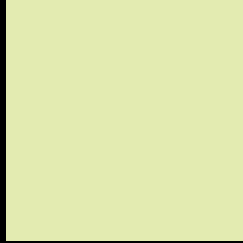
Large Text (above 18pt) WCAG AA × Fail

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 E3EBB1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

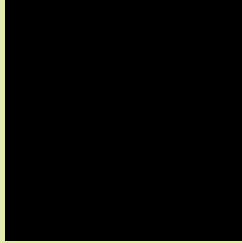
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

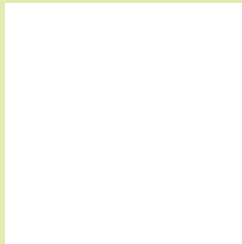
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3EBB1 Background



This preview shows how black text looks on a background with the Hex color E3EBB1.

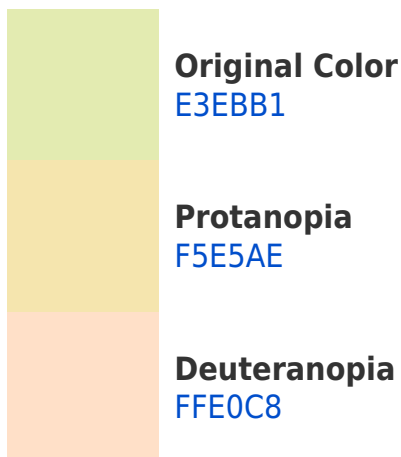


This preview shows how white text looks on a background with the Hex color E3EBB1.

# Color Blindness Simulation

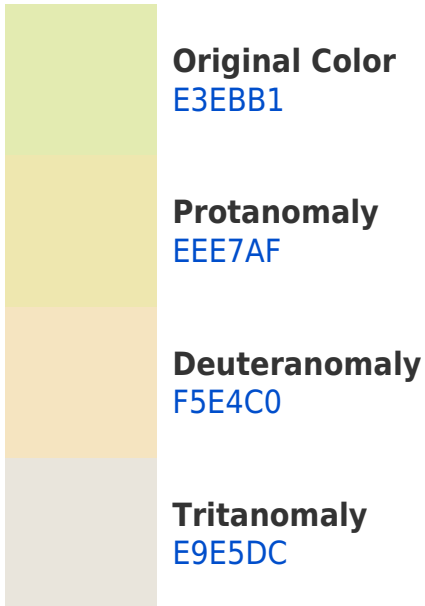
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3EBB1 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 #E3EBB1 looks like.

```
.text, #text, p{  
    color:#E3EBB1  
}
```

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 #E3EBB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3EBB1
}
```

## Border

The CSS property to change the border of an element to Hex E3EBB1 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
#E3EBB1 }
```

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

```
.border{ border-color:#E3EBB1 }
```

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

Here you see how a box with a 4 pixel #E3EBB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3EBB1; -webkit-box-shadow:4px 4px  
4px 4px #E3EBB1; box-shadow:4px 4px 4px  
4px #E3EBB1 }
```

# Background

The CSS property to change the background color of an element to Hex E3EBB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3EBB1 }
```

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

```
.background{ background-color:#E3EBB1 }
```

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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