

# Converting Colors

Hex(E5EBB4)

Have a look what the booklet for  
Hex(E5EBB4) contains.

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# **Color**

**Hex(E5EBB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5EBB4
RGB	229, 235, 180
RGB Percent	90%, 92%, 71%
CMY	0.1020, 0.0784, 0.2941
CMYK	0.03, 0.00, 0.23, 0.08
HSL	67°, 58%, 81%
HSV	67°, 23%, 92%
XYZ	70.2596, 79.3700, 54.7969
YIQ	226.9360, 14.0790, -18.3770

# Conversions

## Conversions Part 2

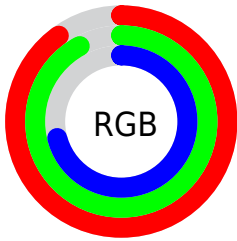
Format	Color
R <sub>Y</sub> B	180, 235, 186
Decimal	15068084
CIE Lab	91.40, -10.85, 26.09
CIE LCh	91, 28.255, 112.574
Yxy	79.3700, 0.3437, 0.3883
Android (android.graphics.Color)	4293258164 (0xFFE5EBB4)
YUV	226.9360, -23.1394, 1.8101
Hunter-Lab	89.0898, -15.1352, 25.8951

# Details

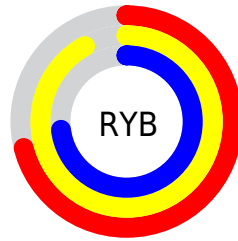
The Hex color **E5EBB4** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **BAB4EB**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFEC**, and **ADB37F** is the 20% darker color. If you saturate the color by 10%, you get **E2EB9D**, and if you desaturate by 10%, it is **E8EBCC**.

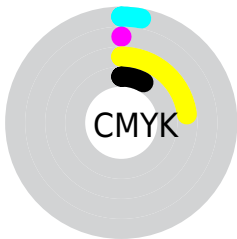
# Distribution



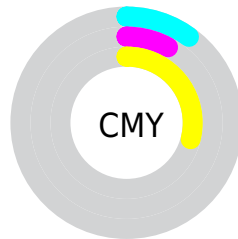
- Red (90%)
- Green (92%)
- Blue (71%)



- Red (71%)
- Yellow (92%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5EBB4 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 E5EBB4 by changing the saturation by 10% instead.



 E5EBB4

FFFFFF

 FFFFEC

 E5EBB4

 C9CF99

 ADB37F

 929966

 787F4D

 5F6636

 464E1F

 2F3709

 1A2200

 000A00

 E5EBB4

 E5EBB4

 E2EB9D

 E8EBCC

 E0EB85

 EAEBE3

 DDEB6E

 EDEBFB

 DBEB56

 EFEBFF

 D8EB3F

 F2EBFF

 D6EB27

 F4EBFF

 D3EB10

 F7EBFF

 D1EB00

 FAEBFF

 FCEBFF

# Harmonies

## Analogous

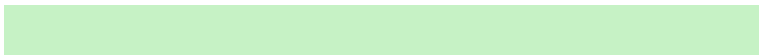
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE2B1



E5EBB4



C6F2C5

# Triad

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



E5EBB4



A1F2FF



FFD4EE

# Complementary

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



E5EBB4



BAB4EB

# Split Complementary

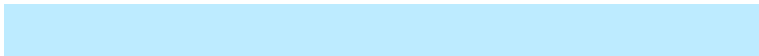
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD9FF



E5EBB4



BDEBFF

# Square

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



E5EBB4



9AF5FA



E2E2FF



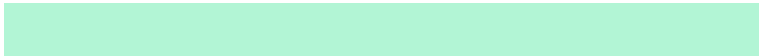
FFD4D3

# Rectangle

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



E5EBB4



B2F5D5



E2E2FF



FFD5F7



# Sweetspot

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



E5EBB4



FDFFD



EBBAB4



7E8075



000000



808080



# Same Dimension

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



E5EBB4



F7FFB8



CAEBB4



74756A



A1B500



303600



# Inverse Universe

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



BAB4EB



BFB8FF



D5B4EB



6B6A75



1400B5

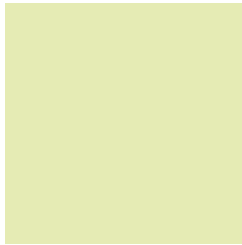


060036



# Previews

## White Background



This preview shows how the Hex color E5EBB4 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 E5EBB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

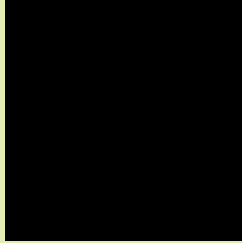
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

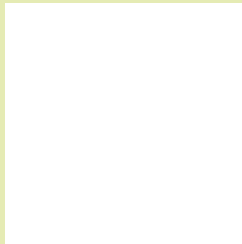
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E5EBB4 Background



This preview shows how black text looks on a background with the Hex color E5EBB4.

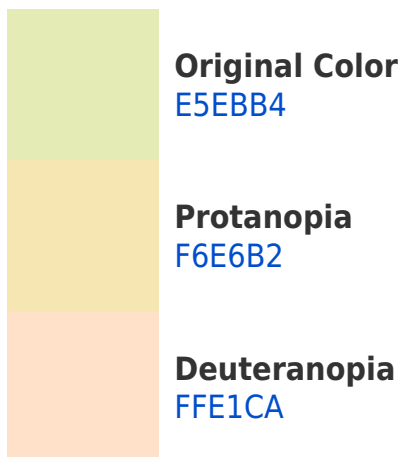


This preview shows how white text looks on a background with the Hex color E5EBB4.

# 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](#).

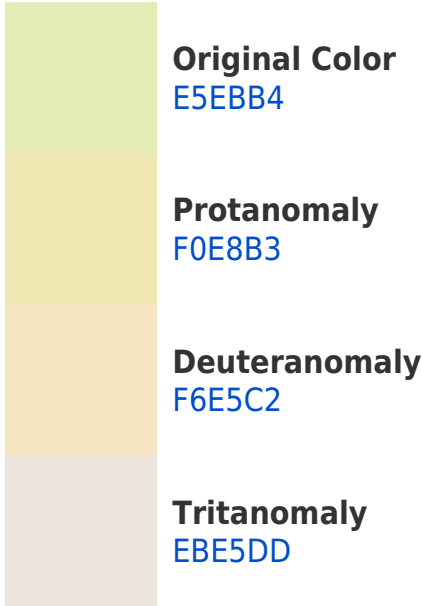
## Dichromacy



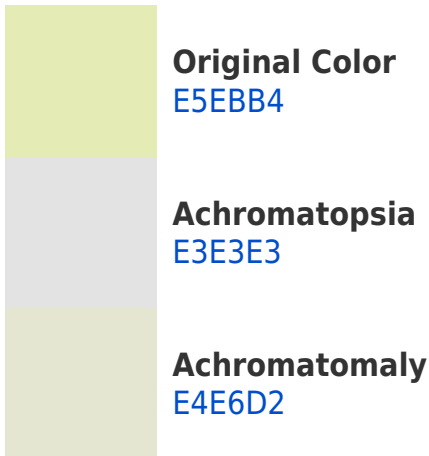


**Tritanopia**  
EEE2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5EBB4 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 #E5EBB4 looks like.

```
.text, #text, p{  
    color:#E5EBB4  
}
```

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 #E5EBB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5EBB4
}
```

## Border

The CSS property to change the border of an element to Hex E5EBB4 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
#E5EBB4 }
```

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

```
.border{ border-color:#E5EBB4 }
```

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

Here you see how a box with a 4 pixel #E5EBB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5EBB4; -webkit-box-shadow:4px 4px  
4px 4px #E5EBB4; box-shadow:4px 4px 4px  
4px #E5EBB4 }
```

# Background

The CSS property to change the background color of an element to Hex E5EBB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5EBB4 }
```

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

```
.background{ background-color:#E5EBB4 }
```

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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