

# Converting Colors

Hex(E6EEBA)

Have a look what the booklet for  
Hex(E6EEBA) contains.

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# **Color**

**Hex(E6EEBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6EEBA
RGB	230, 238, 186
RGB Percent	90%, 93%, 73%
CMY	0.0980, 0.0667, 0.2706
CMYK	0.03, 0.00, 0.22, 0.07
HSL	69°, 60%, 83%
HSV	69°, 22%, 93%
XYZ	72.0706, 81.5172, 58.3902
YIQ	229.6800, 11.9240, -17.8680

# Conversions

## Conversions Part 2

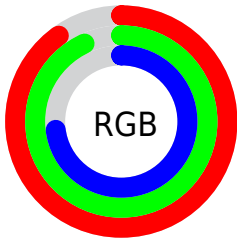
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 238, 194
Decimal	15134394
CIE <sub>Lab</sub>	92.36, -11.13, 24.34
CIE <sub>LCh</sub>	92, 26.766, 114.577
Yxy	81.5172, 0.3400, 0.3846
Android (android.graphics.Color)	4293324474 (0xFFE6EEBA)
<b>YUV</b>	229.6800, -21.5342, 0.2806
Hunter-Lab	90.2869, -15.5163, 24.8569

# Details

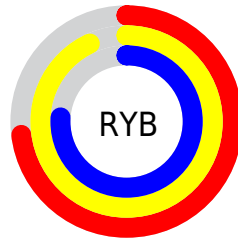
The Hex color **E6EEBA** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C2BAEE**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF2**, and **AEB685** is the 20% darker color. If you saturate the color by 10%, you get **E2EEA2**, and if you desaturate by 10%, it is **EAEED2**.

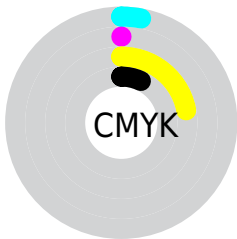
# Distribution



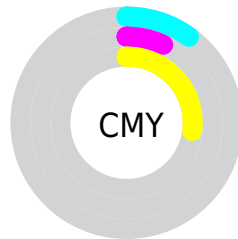
- Red (90%)
- Green (93%)
- Blue (73%)



- Red (73%)
- Yellow (93%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6EEBA 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 E6EEBA by changing the saturation by 10% instead.



 E6EEBA

FFFFFF

 FFFFF2

 E6EEBA

 CAD29F

 AEB685

 939B6B

 798153

 60683B

 485025

 30390F

 1C2400

 000F00

 E6EEBA

 E6EEBA

 E2EEA2

 EAEED2

 DFEE8A

 EDEEEA

 DBEE73

 F1EEFF

 D7EE5B

 F5EEFF

 D4EE43

 F8EEFF

 D0EE2B

 FC EEFF

 CCEE13

 FF EEFF

 C9EE00

# Harmonies

## Analogous

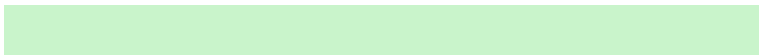
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE6B6



E6EEBA



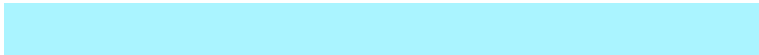
C9F4CB

# Triad

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



E6EEBA



AAF4FF



FFD7EF

# Complementary

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



E6EEBA



C2BAEE

# Split Complementary

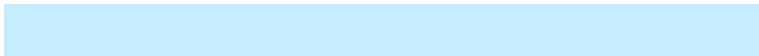
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDCFF



E6EEBA



C5EDFF

# Square

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



E6EEBA



A1F7FD



E7E4FF



FFD8D5

# Rectangle

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



E6EEBA



B6F7DB



E7E4FF



FFD8F7



# Sweetspot

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



E6EEBA



FCFFED



EEC2BA



7E8075



000000



808080

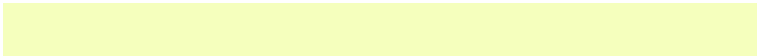


# Same Dimension

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



E6EEBA



F5FFBD



CCEEBA



76786C



9BB800



2F3800



# Inverse Universe

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



C2BAEE



C7BDFF



DCBAEE



6E6C78



1C00B8

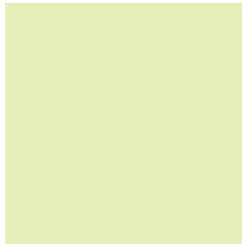


090038



# Previews

## White Background



This preview shows how the Hex color E6EEBA 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 E6EEBA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

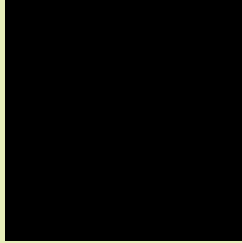
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

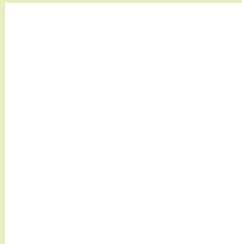
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6EEBA Background



This preview shows how black text looks on a background with the Hex color E6EEBA.

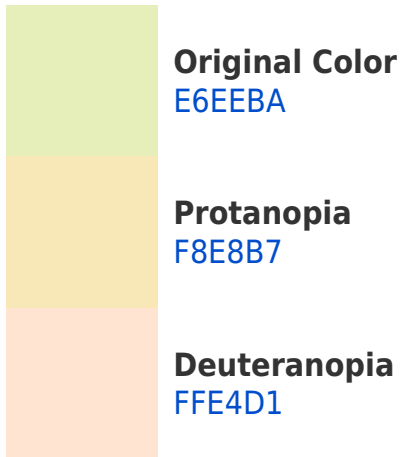


This preview shows how white text looks on a background with the Hex color E6EEBA.

# 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](#).

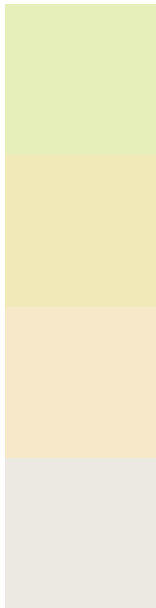
## Dichromacy





**Tritanopia**  
EEE6F8

# Trichromacy



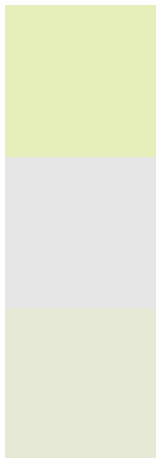
**Original Color**  
E6EEBA

**Protanomaly**  
F1EAB8

**Deuteranomaly**  
F6E8C9

**Tritanomaly**  
EBE9E1

# Monochromacy



**Original Color**  
E6EEBA

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E6E9D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6EEBA 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 #E6EEBA looks like.

```
.text, #text, p{  
    color:#E6EEBA  
}
```

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 #E6EEBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6EEBA
}
```

## Border

The CSS property to change the border of an element to Hex E6EEBA 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
#E6EEBA }
```

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

```
.border{ border-color:#E6EEBA }
```

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

Here you see how a box with a 4 pixel #E6EEBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6EEBA; -webkit-box-shadow:4px 4px  
4px 4px #E6EEBA; box-shadow:4px 4px 4px  
4px #E6EEBA }
```

# Background

The CSS property to change the background color of an element to Hex E6EEBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6EEBA }
```

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

```
.background{ background-color:#E6EEBA }
```

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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