

# Converting Colors

Hex(E6E8CA)

Have a look what the booklet for  
Hex(E6E8CA) contains.

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# **Color**

**Hex(E6E8CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E8CA
RGB	230, 232, 202
RGB Percent	90%, 91%, 79%
CMY	0.0980, 0.0902, 0.2078
CMYK	0.01, 0.00, 0.13, 0.09
HSL	64°, 39%, 85%
HSV	64°, 13%, 91%
XYZ	72.1504, 78.8005, 67.2844
YIQ	227.9820, 8.4380, -9.7540

# Conversions

## Conversions Part 2

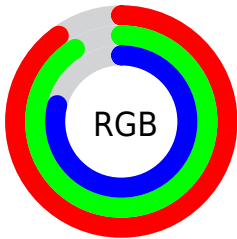
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 232, 204
Decimal	15132874
CIE <sub>Lab</sub>	91.14, -5.72, 14.38
CIE <sub>LCh</sub>	91, 15.473, 111.682
Yxy	78.8005, 0.3306, 0.3611
Android (android.graphics.Color)	4293322954 (0xFFE6E8CA)
YUV	227.9820, -12.8091, 1.7698
Hunter-Lab	88.7696, -10.2652, 17.1989

# Details

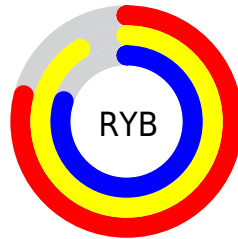
The Hex color **E6E8CA** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CCCAE8**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **AEB094** is the 20% darker color. If you saturate the color by 10%, you get **E4E8B3**, and if you desaturate by 10%, it is **E8E8E1**.

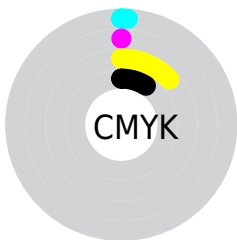
# Distribution



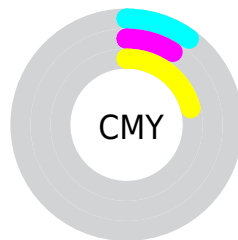
- Red (90%)
- Green (91%)
- Blue (79%)



- Red (79%)
- Yellow (91%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6E8CA 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 E6E8CA by changing the saturation by 10% instead.



 E6E8CA

FFFFFF

 E6E8CA

 CACCAF

 AEB094

 94967A

 7A7C61

 616349

 494B33

 32351D

 1D1F05

 000800

 E6E8CA

 E6E8CA

 E4E8B3

 E8E8E1

 E3E89C

 E9E8F8

 E1E884

 EBE8FF

 E0E86D

 ECE8FF

 DEE856

 EEE8FF

 DDE83F

 EFE8FF

 DBE828

 F1E8FF

 DAE810

 F2E8FF

 D9E800

 F4E8FF

# Harmonies

## Analogous

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



F6E3C9



E6E8CA



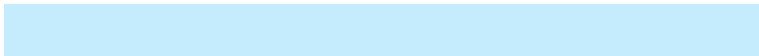
D5ECD3

# Triad

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



E6E8CA



C4ECFC



FFDCEA

# Complementary

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



E6E8CA



CCCAE8

# Split Complementary

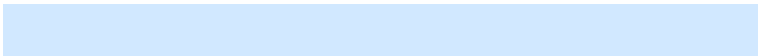
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F5DFF8



E6E8CA



D1E8FF

# Square

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



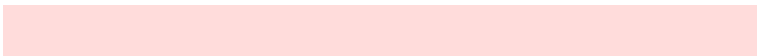
E6E8CA



C0EEF0



E3E3FF



FFDCDB

# Rectangle

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



E6E8CA



CBEEDC



E3E3FF



FEDDEF



# Sweetspot

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



E6E8CA



FEFF5



E8CCCA



7F8079



000000



808080



# Same Dimension

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



E6E8CA



FCFFD6



D7E8CA



727367



A7B300



303300



# Inverse Universe

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



CCCAE8



D9D6FF



DBCAE8



686773



0C00B3

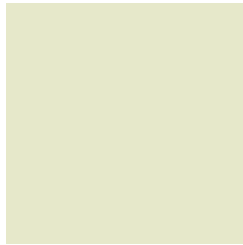


030033



# Previews

## White Background



This preview shows how the Hex color E6E8CA looks on a white background.

## Color Contrast Check

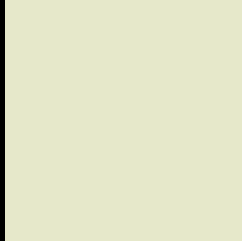
Large Text (above 18pt) WCAG AA × Fail

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 E6E8CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

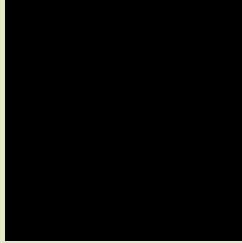
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

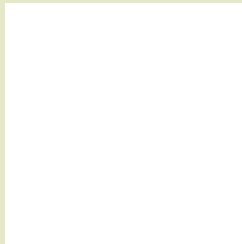
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6E8CA Background



This preview shows how black text looks on a background with the Hex color E6E8CA.

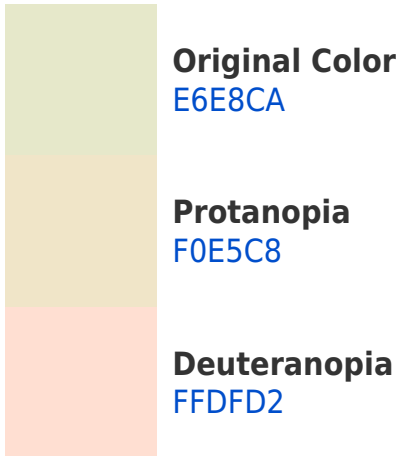


This preview shows how white text looks on a background with the Hex color E6E8CA.

# Color Blindness Simulation

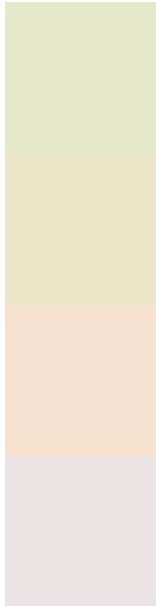
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



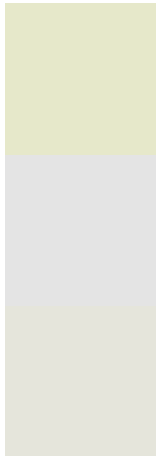
**Original Color**  
E6E8CA

**Protanomaly**  
ECE6C9

**Deuteranomaly**  
F6E2CF

**Tritanomaly**  
EAE4E5

# Monochromacy



**Original Color**  
E6E8CA

**Achromatopsia**  
E4E4E4

**Achromatomaly**  
E5E5DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6E8CA 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 #E6E8CA looks like.

```
.text, #text, p{  
    color:#E6E8CA  
}
```

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 #E6E8CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6E8CA
}
```

## Border

The CSS property to change the border of an element to Hex E6E8CA 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
#E6E8CA }
```

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

```
.border{ border-color:#E6E8CA }
```

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

Here you see how a box with a 4 pixel #E6E8CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6E8CA; -webkit-box-shadow:4px 4px  
4px 4px #E6E8CA; box-shadow:4px 4px 4px  
4px #E6E8CA }
```

# Background

The CSS property to change the background color of an element to Hex E6E8CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6E8CA }
```

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

```
.background{ background-color:#E6E8CA }
```

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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