

# Converting Colors

Hex(E2E7CC)

Have a look what the booklet for  
Hex(E2E7CC) contains.

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# **Color**

**Hex(E2E7CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2E7CC
RGB	226, 231, 204
RGB Percent	89%, 91%, 80%
CMY	0.1137, 0.0941, 0.2000
CMYK	0.02, 0.00, 0.12, 0.09
HSL	71°, 36%, 85%
HSV	71°, 12%, 91%
XYZ	70.8390, 77.6802, 68.3869
YIQ	226.4270, 5.6870, -9.4570

# Conversions

## Conversions Part 2

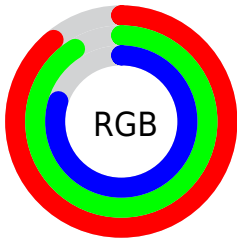
Format	Color
<a href="#">RYB</a>	<a href="#">204, 231, 209</a>
Decimal	<a href="#">14870476</a>
CIELab	<a href="#">90.63, -6.30, 12.57</a>
CIELCh	<a href="#">91, 14.063, 116.606</a>
Yxy	<a href="#">77.6802, 0.3266, 0.3581</a>
Android (android.graphics.Color)	<a href="#">4293060556</a> ( <a href="#">0xFFE2E7CC</a> )
YUV	<a href="#">226.4270, -11.0565, -0.3745</a>
Hunter-Lab	<a href="#">88.1364, -10.7705, 15.6911</a>

# Details

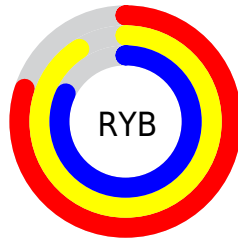
The Hex color **E2E7CC** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D1CCE7**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **ABAF96** is the 20% darker color. If you saturate the color by 10%, you get **DEE7B5**, and if you desaturate by 10%, it is **E6E7E3**.

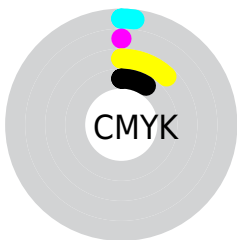
# Distribution



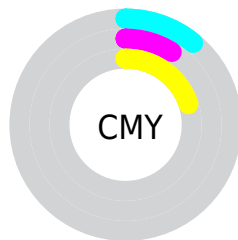
- Red (89%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2E7CC 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 E2E7CC by changing the saturation by 10% instead.



 E2E7CC

FFFFFF

 E2E7CC

 C6CBB1

 ABAF96

 90957C

 767B63

 5E624B

 464A34

 2F341F

 1B1F08

 000400

 E2E7CC

 E2E7CC

 DEE7B5

 E6E7E3

 D9E79E

 EBE7FA

 D5E787

 EFE7FF

 D1E770

 F3E7FF

 CDE759

 F7E7FF

 C8E741

 FCE7FF

 C4E72A

 FFE7FF

 C0E713

 BCE700

# Harmonies

## Analogous

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



F1E3CA



E2E7CC



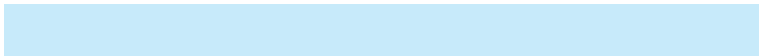
D3EAD5

# Triad

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



E2E7CC



C7EAFA



FFDBE6

# Complementary

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



E2E7CC



D1CCE7

# 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.



F5DDF3



E2E7CC



D4E6FF

# Square

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



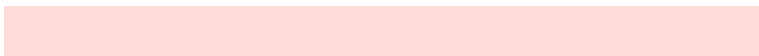
E2E7CC



C2ECF0



E5E1FC



FFDCD9

# Rectangle

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



E2E7CC



CAECDD



E5E1FC



FCDCEB



# Sweetspot

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



E2E7CC



FDFFF5



E7D1CC



7E8079



000000



808080

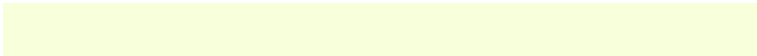


# Same Dimension

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



E2E7CC



F8FFDB



D5E7CC



717367



91B300



2A3300



# Inverse Universe

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



D1CCE7



E2DBFF



DECCE7



696773



2100B3

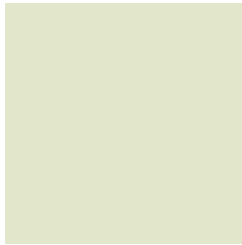


090033



# Previews

## White Background



This preview shows how the Hex color E2E7CC looks on a white background.

## Color Contrast Check

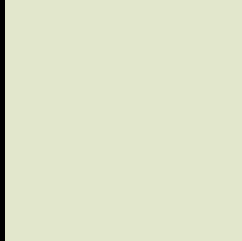
Large Text (above 18pt) WCAG AA × Fail

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 E2E7CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

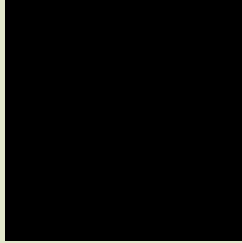
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

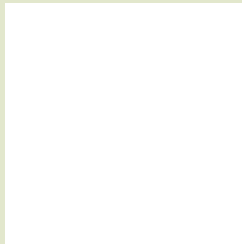
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E2E7CC Background



This preview shows how black text looks on a background with the Hex color E2E7CC.

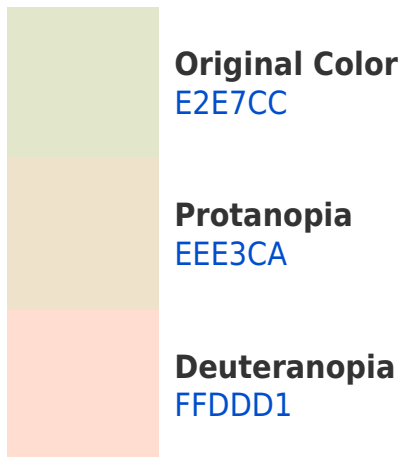


This preview shows how white text looks on a background with the Hex color E2E7CC.

# 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](#).

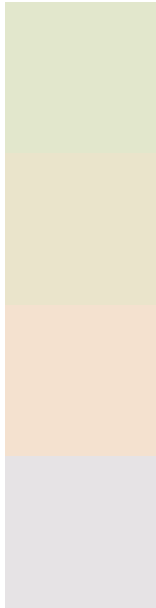
## Dichromacy





**Tritanopia**  
E8E1F3

# Trichromacy



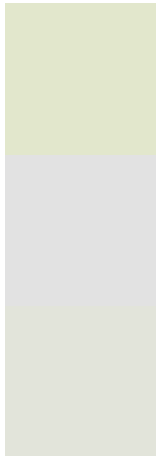
**Original Color**  
E2E7CC

**Protanomaly**  
EAE4CB

**Deuteranomaly**  
F4E1CF

**Tritanomaly**  
E6E3E5

# Monochromacy



**Original Color**  
E2E7CC

**Achromatopsia**  
E2E2E2

**Achromatomaly**  
E2E4DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2E7CC 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 #E2E7CC looks like.

```
.text, #text, p{  
    color:#E2E7CC  
}
```

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 #E2E7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2E7CC }  
}
```

## Border

The CSS property to change the border of an element to Hex E2E7CC 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 #E2E7CC }  
}
```

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

```
.border{ border-color:#E2E7CC }
```

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

Here you see how a box with a 4 pixel #E2E7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2E7CC; -webkit-box-shadow:4px 4px  
4px 4px #E2E7CC; box-shadow:4px 4px 4px  
4px #E2E7CC }
```

# Background

The CSS property to change the background color of an element to Hex E2E7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2E7CC }
```

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

```
.background{ background-color:#E2E7CC }
```

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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