

# Converting Colors

Hex(E6ECC4)

Have a look what the booklet for  
Hex(E6ECC4) contains.

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# **Color**

**Hex(E6ECC4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6ECC4
RGB	230, 236, 196
RGB Percent	90%, 93%, 77%
CMY	0.0980, 0.0745, 0.2314
CMYK	0.03, 0.00, 0.17, 0.07
HSL	69°, 51%, 85%
HSV	69°, 17%, 93%
XYZ	72.5924, 80.7994, 63.9944
YIQ	229.6460, 9.2640, -13.7120

# Conversions

## Conversions Part 2

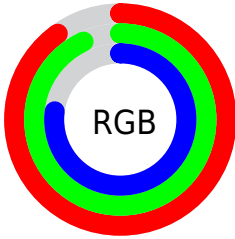
Format	Color
<b>RYB</b>	196, 236, 202
Decimal	15133892
CIELab	92.04, -8.66, 18.75
CIELCh	92, 20.654, 114.789
Yxy	80.7994, 0.3339, 0.3717
Android (android.graphics.Color)	4293323972 (0xFFE6ECC4)
YUV	229.6460, -16.5875, 0.3105
Hunter-Lab	89.8885, -13.1514, 20.7116

# Details

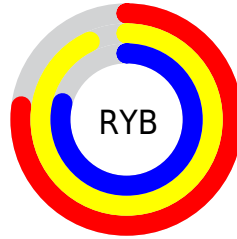
The Hex color **E6ECC4** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CAC4EC**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFD**, and **AEB48E** is the 20% darker color. If you saturate the color by 10%, you get **E2ECAC**, and if you desaturate by 10%, it is **EAECDC**.

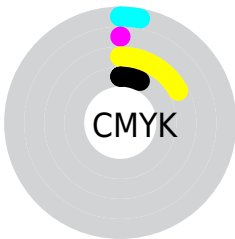
# Distribution



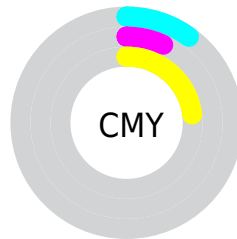
- Red (90%)
- Green (93%)
- Blue (77%)



- Red (77%)
- Yellow (93%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6ECC4 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 E6ECC4 by changing the saturation by 10% instead.



 E6ECC4

 E6ECC4

FFFFFFF

 CAD0A9

FFFFFFD


 AEB48E

 939974

 7A805C

 606644

 484F2D

 313818

 1D2200

 000E00

 E6ECC4

 E6ECC4

 E2ECAC

 EAECDC

 DFEC95

 EDECF3

 DBEC7D

 F1ECFF

 D8EC66

 F4ECFF

 D4EC4E

 F8ECFF

 D1EC36

 FBECFF

 CDEC1F

 FFECCF

 CAEC07

 C9EC00

# Harmonies

## Analogous

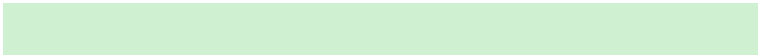
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FBE6C1



E6ECC4



CFF1D1

# Triad

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



E6ECC4



BAF0FF



FFDBEC

# Complementary

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



E6ECC4



CAC4EC

# Split Complementary

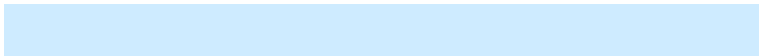
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDEFF



E6ECC4



CEE8FF

# Square

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



E6ECC4



B4F3F8



E8E4FF



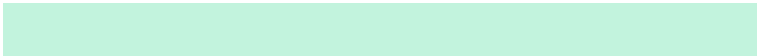
FFDBD8

# Rectangle

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



E6ECC4



C2F3DD



E8E4FF



FFDBF3



# Sweetspot

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



E6ECC4



FDFFF2



ECCAC4



7E8078



000000



808080

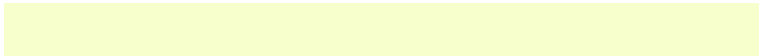


# Same Dimension

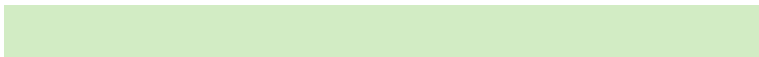
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E6ECC4



F7FFCC



D2ECC4



74756A



9AB500



2E3600



# Inverse Universe

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



CAC4EC



D4CCFF



DEC4EC



6B6A75



1B00B5

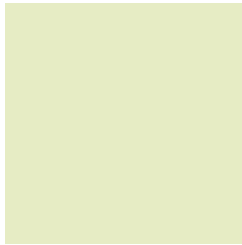


080036



# Previews

## White Background



This preview shows how the Hex color E6ECC4 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 E6ECC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

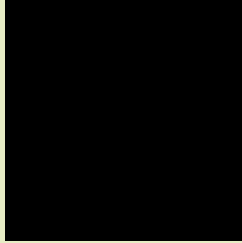
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

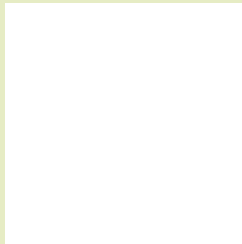
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6ECC4 Background



This preview shows how black text looks on a background with the Hex color E6ECC4.

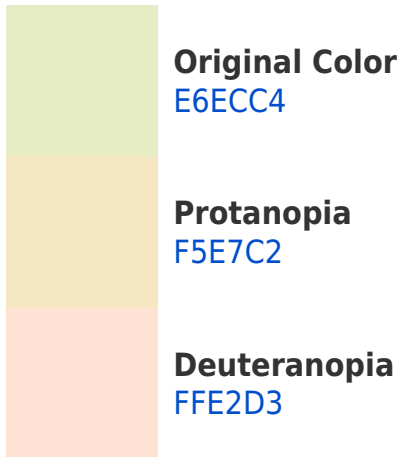


This preview shows how white text looks on a background with the Hex color E6ECC4.

# 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](#).

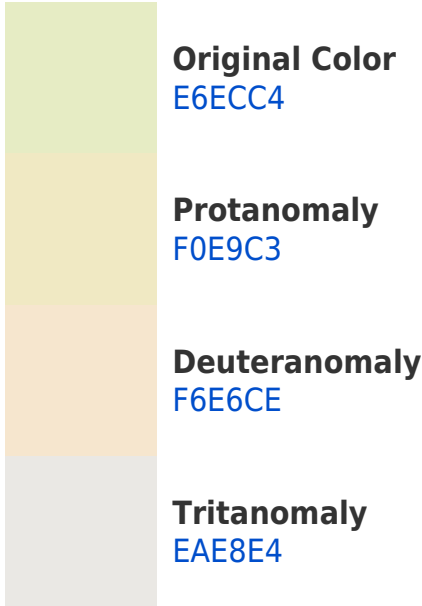
## Dichromacy



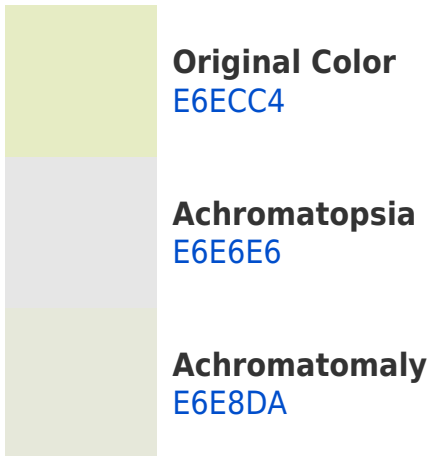


**Tritanopia**  
EDE5F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6ECC4 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 #E6ECC4 looks like.

```
.text, #text, p{  
    color:#E6ECC4  
}
```

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 #E6ECC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6ECC4
}
```

## Border

The CSS property to change the border of an element to Hex E6ECC4 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
#E6ECC4 }
```

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

```
.border{ border-color:#E6ECC4 }
```

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

Here you see how a box with a 4 pixel #E6ECC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6ECC4; -webkit-box-shadow:4px 4px  
4px 4px #E6ECC4; box-shadow:4px 4px 4px  
4px #E6ECC4 }
```

# Background

The CSS property to change the background color of an element to Hex E6ECC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6ECC4 }
```

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

```
.background{ background-color:#E6ECC4 }
```

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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