

# Converting Colors

Hex(ECCCEE)

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

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# **Color**

**Hex(ECCCEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECCCEE
RGB	236, 204, 238
RGB Percent	93%, 80%, 93%
CMY	0.0745, 0.2000, 0.0667
CMYK	0.01, 0.14, 0.00, 0.07
HSL	296°, 50%, 87%
HSV	296°, 14%, 93%
XYZ	71.6176, 67.1916, 90.0836
YIQ	217.4440, 8.1580, 17.3580

# Conversions

## Conversions Part 2

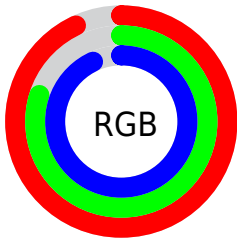
Format	Color
R <sub>Y</sub> B	236, 204, 238
Decimal	15518958
CIE <sub>Lab</sub>	85.60, 17.05, -12.58
CIE <sub>LCh</sub>	86, 21.191, 323.577
Yxy	67.1916, 0.3129, 0.2936
Android (android.graphics.Color)	4293709038 (0xFFECCCEE)
YUV	217.4440, 10.1341, 16.2736
Hunter-Lab	81.9705, 12.5069, -7.7789

# Details

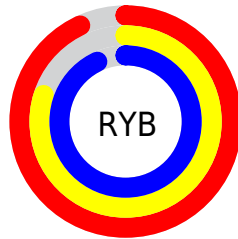
The Hex color **ECCCEE** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CEEECC**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **B496B6** is the 20% darker color. If you saturate the color by 10%, you get **EBB4EE**, and if you desaturate by 10%, it is **EDE4EE**.

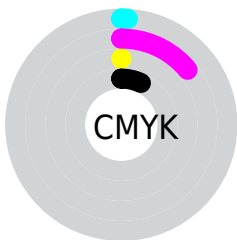
# Distribution



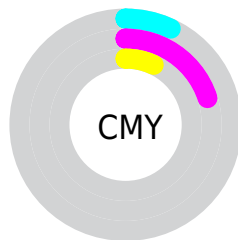
- Red (93%)
- Green (80%)
- Blue (93%)



- Red (93%)
- Yellow (80%)
- Blue (93%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 ECCCEE

 ECCCEE

FFFFFF

 D0B0D2

 B496B6

 997C9B

 7F6381

 664B68

 4D3450

 361E39

 210823

 00000C

 ECCCEE

 ECCCEE

 EBB4EE

 EDE4EE

 E99CEE

 EFFCEE

 E885EE

 F0FFEE

 E66DEE

 F2FFEE

 E555EE

 F3FFEE

 E43DEE

 F4FFEE

 E225EE

 F6FFEE

 E10EEE

 F7FFEE

 E000EE

 F9FFEE

# Harmonies

## Analogous

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



D4D2FB



ECCCEE



FCC8DB

# Triad

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



ECCCEE



EAD3AE



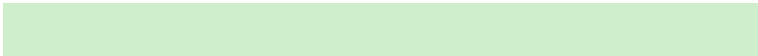
A0E1E5

# Complementary

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



ECCCEE



CEEECC

# 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.



AAE1D1



ECCCEE



D5DAB1

# Square

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



ECCCEE



FACDB6



BEDFBE



A6DEF6

# Rectangle

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



ECCCEE



FFC8CD



BEDFBE



A2E2DF



# Sweetspot

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



ECCCEE



FEF5FF



CCCEEE



7F7980



000000



808080



# Same Dimension

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



ECCCEE



FCD4FF



EECCDF



776C78



AD00B8



350038



# Inverse Universe

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



EECCCE



FFD4D6



CCEEDB



786C6D



B8000B



380003



# Previews

## White Background



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

## Color Contrast Check

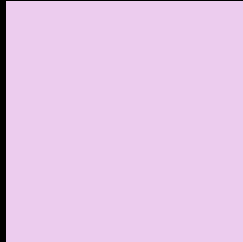
Large Text (above 18pt) WCAG AA × Fail

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 ECCCEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

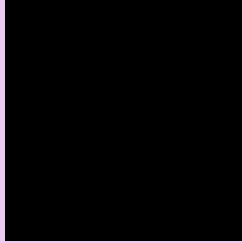
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ECCCEE Background



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

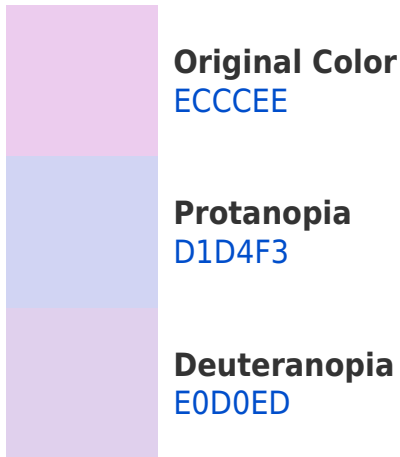


This preview shows how white text looks on a background with the Hex color ECCCEE.

# 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**  
ECCCEE

**Protanomaly**  
DBD1F1

**Deuteranomaly**  
E4CFED

**Tritanomaly**  
EBCEE4

# Monochromacy



**Original Color**  
ECCCEE

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
E0D4E1

# CSS Examples

## Text

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

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

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 #ECCCEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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