

# Converting Colors

Hex(E4C5E6)

Have a look what the booklet for  
Hex(E4C5E6) contains.

<b>Hex(E4C5E6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E4C5E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4C5E6
RGB	228, 197, 230
RGB Percent	89%, 77%, 90%
CMY	0.1059, 0.2275, 0.0980
CMYK	0.01, 0.14, 0.00, 0.10
HSL	296°, 40%, 84%
HSV	296°, 14%, 90%
XYZ	66.2441, 62.1397, 83.3656
YIQ	210.0310, 7.8830, 16.8350

# Conversions

## Conversions Part 2

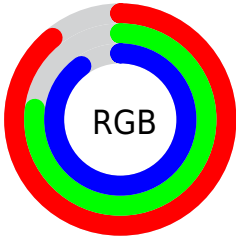
Format	Color
R <sub>Y</sub> B	228, 197, 230
Decimal	14992870
CIE Lab	82.99, 16.64, -12.30
CIE LCh	83, 20.690, 323.529
Yxy	62.1397, 0.3128, 0.2935
Android (android.graphics.Color)	4293182950 (0xFFE4C5E6)
YUV	210.0310, 9.8447, 15.7588
Hunter-Lab	78.8287, 12.0531, -7.5223

# Details

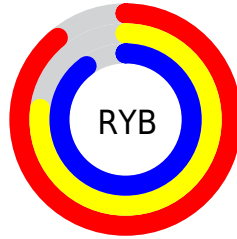
The Hex color **E4C5E6** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C7E6C5**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFEFF**, and **AC8FAE** is the 20% darker color. If you saturate the color by 10%, you get **E3AEE6**, and if you desaturate by 10%, it is **E5DCE6**.

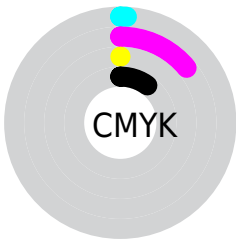
# Distribution



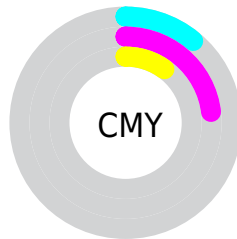
- Red (89%)
- Green (77%)
- Blue (90%)



- Red (89%)
- Yellow (77%)
- Blue (90%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (11%)
- Magenta (23%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4C5E6 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 E4C5E6 by changing the saturation by 10% instead.



 E4C5E6

FFFFFF

FFFEFF

 E4C5E6

 C8AACA

 AC8FAE

 927594

 785D7A

 5F4561

 472E49

 301933

 1D001E

 000001

 E4C5E6

 E4C5E6

 E3AEE6

 E5DCE6

 E197E6

 E7F3E6

 E080E6

 E8FFE6

 DE69E6

 EAFFE6

 DD52E6

 EBFFE6

 DC3BE6

 ECFFE6

 DA24E6

 EEFFE6

 D90DE6

 EFFE6

 D800E6

 F1FFE6

# Harmonies

## Analogous

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



CDCBF2



E4C5E6



F3C1D4

# Triad

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



E4C5E6



E2CCA8



9BDADD

# Complementary

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



E4C5E6



C7E6C5

# 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.



A4DACA



E4C5E6



CDD2AB

# Square

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



E4C5E6



F1C6B0



B7D7B7



A0D7ED

# Rectangle

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



E4C5E6



F7C1C6



B7D7B7



9CDAD7



# Sweetspot

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



E4C5E6



FEF5FF



C5C7E6



7F7980



000000



808080



# Same Dimension

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



E4C5E6



FCD4FF



E6C5D8



726773



A800B3



300033



# Inverse Universe

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



E6C5C7



FFD4D6



C5E6D3



736768



B3000B

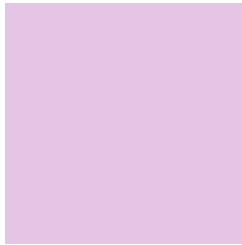


330003



# Previews

## White Background



This preview shows how the Hex color E4C5E6 looks on a white background.

## Color Contrast Check

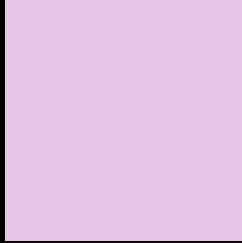
Large Text (above 18pt) WCAG AA × Fail

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 E4C5E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

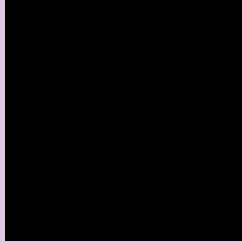
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E4C5E6 Background



This preview shows how black text looks on a background with the Hex color E4C5E6.

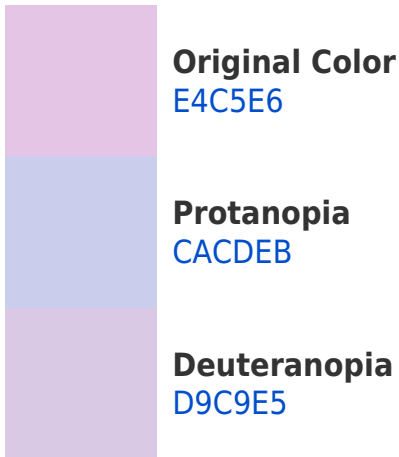


This preview shows how white text looks on a background with the Hex color E4C5E6.

# 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**  
E2C8D7

# Trichromacy



**Original Color**  
E4C5E6

**Protanomaly**  
D3CAE9

**Deuteranomaly**  
DDC8E5

**Tritanomaly**  
E3C7DC

# Monochromacy



**Original Color**  
E4C5E6

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
D9CDD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4C5E6 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 #E4C5E6 looks like.

```
.text, #text, p{  
    color:#E4C5E6  
}
```

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 #E4C5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4C5E6
}
```

## Border

The CSS property to change the border of an element to Hex E4C5E6 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
#E4C5E6 }
```

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

```
.border{ border-color:#E4C5E6 }
```

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

Here you see how a box with a 4 pixel #E4C5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4C5E6; -webkit-box-shadow:4px 4px  
4px 4px #E4C5E6; box-shadow:4px 4px 4px  
4px #E4C5E6 }
```

# Background

The CSS property to change the background color of an element to Hex E4C5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4C5E6 }
```

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

```
.background{ background-color:#E4C5E6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor