

# Converting Colors

Hex(E6C0DA)

Have a look what the booklet for  
Hex(E6C0DA) contains.

<b>Hex(E6C0DA)</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(E6C0DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6C0DA
RGB	230, 192, 218
RGB Percent	90%, 75%, 85%
CMY	0.0980, 0.2471, 0.1451
CMYK	0.00, 0.17, 0.05, 0.10
HSL	319°, 43%, 83%
HSV	319°, 17%, 90%
XYZ	64.1377, 59.5842, 74.4502
YIQ	206.3260, 14.3020, 16.1420

# Conversions

## Conversions Part 2

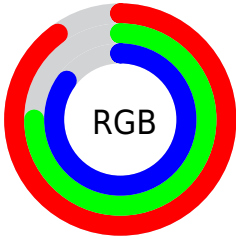
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 192, 218
Decimal	15122650
CIE <sub>Lab</sub>	81.61, 17.82, -7.90
CIE <sub>LCh</sub>	82, 19.492, 336.088
Yxy	59.5842, 0.3236, 0.3007
Android (android.graphics.Color)	4293312730 (0xFFE6C0DA)
YUV	206.3260, 5.7553, 20.7621
Hunter-Lab	77.1908, 13.2313, -3.1513

# Details

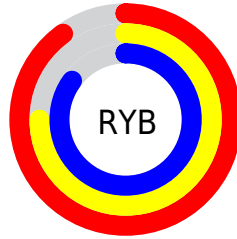
The Hex color **E6C0DA** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C0E6CC**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFF9FF**, and **AE8AA3** is the 20% darker color. If you saturate the color by 10%, you get **E6A9D3**, and if you desaturate by 10%, it is **E6D7E1**.

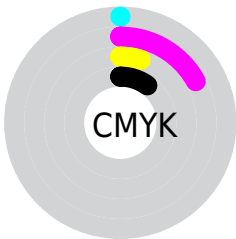
# Distribution



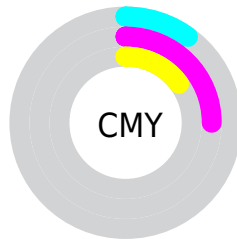
- Red (90%)
- Green (75%)
- Blue (85%)



- Red (90%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6C0DA 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 E6C0DA by changing the saturation by 10% instead.



 E6C0DA

FFFFFF

 FFF9FF

 E6C0DA

 CAA5BE


 AE8AA3

 937189

 79586F

 604157

 482A40

 31152A

 1E0016

 000000

 E6C0DA

 E6C0DA

 E6A9D3

 E6D7E1

 E692CB

 E6EEE9

 E67BC4

 E6FFF0

 E664BD

 E6FFF7

 E64DB6

 E6FFFE

 E636AE

 E6FFFF

 E61FA7

 E608A0

 E6009D

# Harmonies

## Analogous

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



D3C5E8



E6C0DA



F0BEC8

# Triad

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



E6C0DA



D5CBA7



9BD4E0

# Complementary

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



E6C0DA



C0E6CC

# 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.



9ED6CE



E6C0DA



C1D0AD

# Square

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



E6C0DA



E6C5AA



ADD4BB



A6D1EC

# Rectangle

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



E6C0DA



F1BFBC



ADD4BB



9AD5DA



# Sweetspot

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



E6C0DA



FFF2FB



CBC0E6



80787D



000000



808080



# Same Dimension

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



E6C0DA



FFCCEF



E6C0C8



73676F



B3007A



330023



# Inverse Universe

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



E6C0DA



FFCCEF



C0E6DE



73676F



B3007A



330023



# Previews

## White Background



This preview shows how the Hex color E6C0DA looks on a white background.

## Color Contrast Check

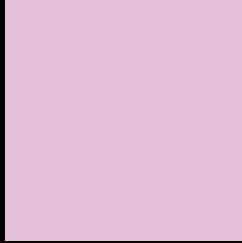
Large Text (above 18pt) WCAG AA × Fail

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 E6C0DA 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 E6C0DA Background



This preview shows how black text looks on a background with the Hex color E6C0DA.

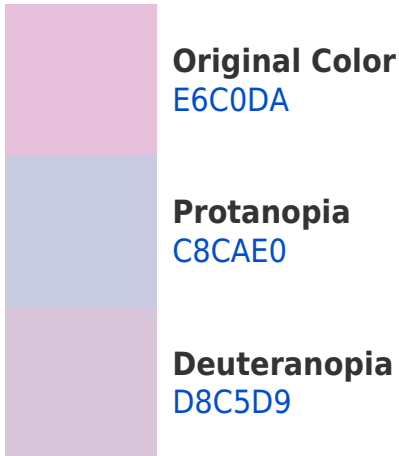


This preview shows how white text looks on a background with the Hex color E6C0DA.

# 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**  
E5C2D1

# Trichromacy



**Original Color**  
E6C0DA

**Protanomaly**  
D3C6DE

**Deuteranomaly**  
DDC3D9

**Tritanomaly**  
E5C1D4

# Monochromacy



**Original Color**  
E6C0DA

**Achromatopsia**  
CECECE

**Achromatomaly**  
D7C9D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6C0DA 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 #E6C0DA looks like.

```
.text, #text, p{  
    color:#E6C0DA  
}
```

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 #E6C0DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6C0DA
}
```

## Border

The CSS property to change the border of an element to Hex E6C0DA 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
#E6C0DA }
```

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

```
.border{ border-color:#E6C0DA }
```

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

Here you see how a box with a 4 pixel #E6C0DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6C0DA; -webkit-box-shadow:4px 4px  
4px 4px #E6C0DA; box-shadow:4px 4px 4px  
4px #E6C0DA }
```

# Background

The CSS property to change the background color of an element to Hex E6C0DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6C0DA }
```

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

```
.background{ background-color:#E6C0DA }
```

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