

# Converting Colors

Hex(E6CCE2)

Have a look what the booklet for  
Hex(E6CCE2) contains.

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# **Color**

**Hex(E6CCE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6CCE2
RGB	230, 204, 226
RGB Percent	90%, 80%, 89%
CMY	0.0980, 0.2000, 0.1137
CMYK	0.00, 0.11, 0.02, 0.10
HSL	309°, 34%, 85%
HSV	309°, 11%, 90%
XYZ	67.9535, 65.4997, 81.0127
YIQ	214.2820, 8.4340, 12.3540

# Conversions

## Conversions Part 2

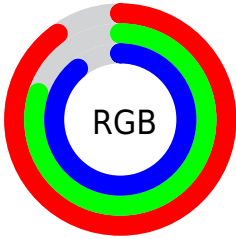
Format	Color
R <sub>Y</sub> B	230, 204, 226
Decimal	15125730
CIE Lab	84.74, 12.86, -7.54
CIE LCh	85, 14.909, 329.627
Yxy	65.4997, 0.3168, 0.3054
Android (android.graphics.Color)	4293315810 (0xFFE6CCE2)
YUV	214.2820, 5.7770, 13.7847
Hunter-Lab	80.9319, 8.2445, -2.6969

# Details

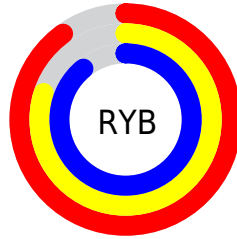
The Hex color **E6CCE2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CCE6D0**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **AE96AB** is the 20% darker color. If you saturate the color by 10%, you get **E6B5DE**, and if you desaturate by 10%, it is **E6E3E6**.

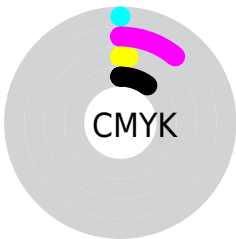
# Distribution



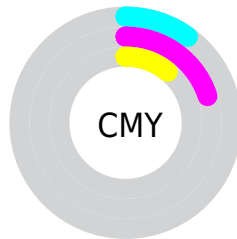
- Red (90%)
- Green (80%)
- Blue (89%)



- Red (90%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6CCE2 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 E6CCE2 by changing the saturation by 10% instead.



 E6CCE2

FFFFFF

 E6CCE2

 CAB1C6

 AE96AB

 947C90

 7A6377

 614B5E

 493446

 321F30

 1E081B

 000000

 E6CCE2

 E6CCE2

 E6B5DE

 E6E3E6

 E69EDB

 E6FAE9

 E687D7

 E6FFED

 E670D4

 E6FFF0

 E659D0

 E6FFF4

 E642CD

 E6FFF7

 E62BC9

 E6FFFB

 E614C6

 E6FFFE

 E600C3

 E6FFFF

# Harmonies

## Analogous

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



D6D0EC



E6CCE2



F0CAD4

# Triad

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



E6CCE2



DFD2B8



B0DBE1

# Complementary

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



E6CCE2



CCE6D0

# 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.



B4DCD3



E6CCE2



D0D7BB

# Square

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



E6CCE2



ECCEBC



C0DAC5



B6D9EB

# Rectangle

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



E6CCE2



F2CACB



C0DAC5



B0DCDC

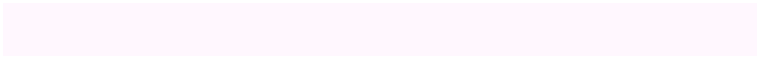


# Sweetspot

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



E6CCE2



FFF7FE



D0CCE6



807A7F



000000



808080



# Same Dimension

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



E6CCE2



FFDBFA



E6CCD5



736771



B30097



33002B



# Inverse Universe

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



E6CCE2



FFDBFA



CCE6DD



736771



B30097

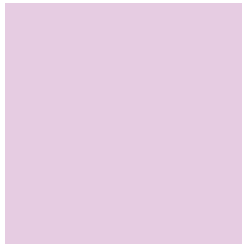


33002B



# Previews

## White Background



This preview shows how the Hex color E6CCE2 looks on a white background.

## Color Contrast Check

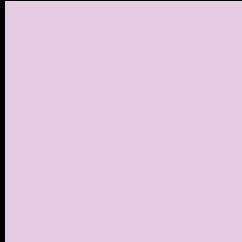
Large Text (above 18pt) WCAG AA × Fail

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 E6CCE2 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 E6CCE2 Background



This preview shows how black text looks on a background with the Hex color E6CCE2.

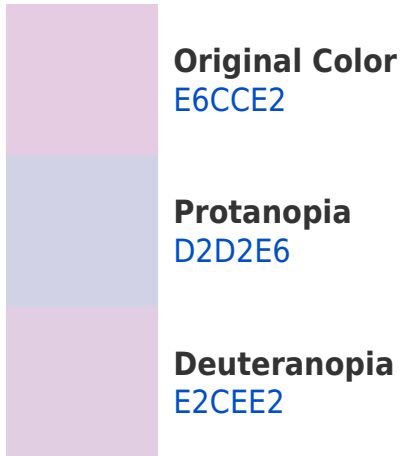


This preview shows how white text looks on a background with the Hex color E6CCE2.

# 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**  
E5CDDD

# Trichromacy



**Original Color**  
E6CCE2

**Protanomaly**  
D9D0E5

**Deuteranomaly**  
E3CDE2

**Tritanomaly**  
E5CDDF

# Monochromacy



**Original Color**  
E6CCE2

**Achromatopsia**  
D6D6D6

**Achromatomaly**  
DCD2DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6CCE2 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 #E6CCE2 looks like.

```
.text, #text, p{  
    color:#E6CCE2  
}
```

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 #E6CCE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CCE2
}
```

## Border

The CSS property to change the border of an element to Hex E6CCE2 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
#E6CCE2 }
```

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

```
.border{ border-color:#E6CCE2 }
```

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

Here you see how a box with a 4 pixel #E6CCE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CCE2; -webkit-box-shadow:4px 4px  
4px 4px #E6CCE2; box-shadow:4px 4px 4px  
4px #E6CCE2 }
```

# Background

The CSS property to change the background color of an element to Hex E6CCE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CCE2 }
```

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

```
.background{ background-color:#E6CCE2 }
```

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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