

# Converting Colors

Hex(E6CFE6)

Have a look what the booklet for  
Hex(E6CFE6) contains.

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# **Color**

**Hex(E6CFE6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6CFE6
RGB	230, 207, 230
RGB Percent	90%, 81%, 90%
CMY	0.0980, 0.1882, 0.0980
CMYK	0.00, 0.10, 0.00, 0.10
HSL	300°, 32%, 86%
HSV	300°, 10%, 90%
XYZ	69.2289, 67.1618, 84.1777
YIQ	216.4990, 6.3250, 12.0290

# Conversions

## Conversions Part 2

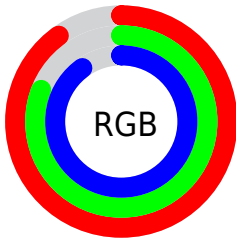
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 207, 230
Decimal	15126502
CIE Lab	85.59, 12.00, -8.41
CIE LCh	86, 14.655, 324.972
Yxy	67.1618, 0.3139, 0.3045
Android (android.graphics.Color)	4293316582 (0xFFE6CFE6)
YUV	216.4990, 6.6560, 11.8404
Hunter-Lab	81.9523, 7.3706, -3.5334

# Details

The Hex color **E6CFE6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CFE6CF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **AE99AF** is the 20% darker color. If you saturate the color by 10%, you get **E6B8E6**, and if you desaturate by 10%, it is **E6E6E6**.

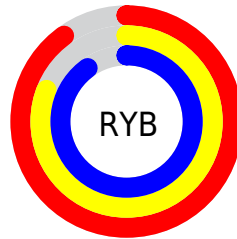
# Distribution



Red (90%)

Green (81%)

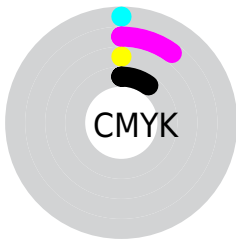
Blue (90%)



Red (90%)

Yellow (81%)

Blue (90%)

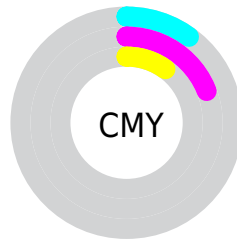


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6CFE6 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 E6CFE6 by changing the saturation by 10% instead.



 E6CFE6

FFFFFF

 E6CFE6

 CAB3CA

 AE99AF

 947F94

 7A667A

 614E61

 493749

 322133

 1D0C1E

 000002

 E6CFE6

 E6CFE6

 E6B8E6

 E6E6E6

 E6A1E6

 E6FDE6

 E68AE6

 E6FFE6

 E673E6

 E65CE6

 E645E6

 E62EE6

 E617E6

 E600E6

# Harmonies

## Analogous

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



D6D3EF



E6CFE6



F1CDD9

# Triad

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



E6CFE6



E4D4BB



B3DEE1

# Complementary

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



E6CFE6



CFE6CF

# 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.



B8DED3



E6CFE6



D5D9BD

# Square

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



E6CFE6



EFD0C0



C5DCC6



B7DCEC

# Rectangle

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



E6CFE6



F4CDCF



C5DCC6



B3DEDD



# Sweetspot

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



E6CFE6



FFF7FF



CFCFE6



807A80



000000



808080



# Same Dimension

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



E6CFE6



FFE0FF



E6CFDB



736773



B300B3



330033



# Inverse Universe

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



E6CFE6



FFE0FF



CFE6DB



736773



B300B3

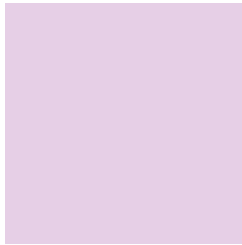


330033



# Previews

## White Background



This preview shows how the Hex color E6CFE6 looks on a white background.

## Color Contrast Check

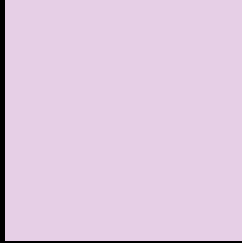
Large Text (above 18pt) WCAG AA × Fail

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 E6CFE6 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 E6CFE6 Background



This preview shows how black text looks on a background with the Hex color E6CFE6.

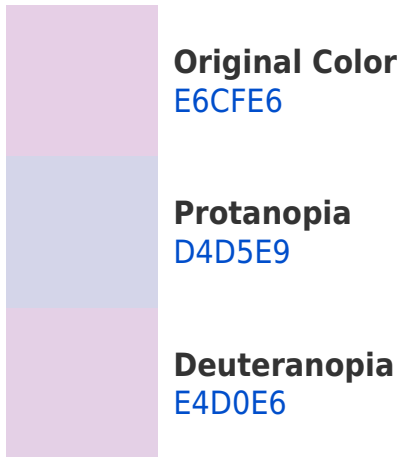


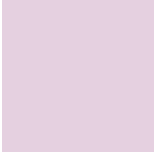
This preview shows how white text looks on a background with the Hex color E6CFE6.

# 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**  
E5D0E0

# Trichromacy



**Original Color**  
E6CFE6

**Protanomaly**  
DBD3E8

**Deuteranomaly**  
E5D0E6

**Tritanomaly**  
E5D0E2

# Monochromacy



**Original Color**  
E6CFE6

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
DDD5DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6CFE6 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 #E6CFE6 looks like.

```
.text, #text, p{  
    color:#E6CFE6  
}
```

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 #E6CFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CFE6  
}
```

## Border

The CSS property to change the border of an element to Hex E6CFE6 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  
#E6CFE6 }
```

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

```
.border{ border-color:#E6CFE6 }
```

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

Here you see how a box with a 4 pixel #E6CFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CFE6; -webkit-box-shadow:4px 4px  
4px 4px #E6CFE6; box-shadow:4px 4px 4px  
4px #E6CFE6 }
```

# Background

The CSS property to change the background color of an element to Hex E6CFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CFE6 }
```

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

```
.background{ background-color:#E6CFE6 }
```

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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