

# Converting Colors

Hex(E4CFE2)

Have a look what the booklet for  
Hex(E4CFE2) contains.

<b>Hex(E4CFE2)</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(E4CFE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4CFE2
RGB	228, 207, 226
RGB Percent	89%, 81%, 89%
CMY	0.1059, 0.1882, 0.1137
CMYK	0.00, 0.09, 0.01, 0.11
HSL	306°, 28%, 85%
HSV	306°, 9%, 89%
XYZ	68.0352, 66.6106, 81.2228
YIQ	215.4450, 6.4170, 10.3610

# Conversions

## Conversions Part 2

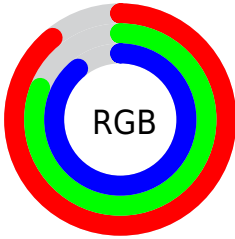
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 207, 226
Decimal	14995426
CIE <sub>Lab</sub>	85.31, 10.60, -6.72
CIE <sub>LCh</sub>	85, 12.550, 327.635
Yxy	66.6106, 0.3152, 0.3086
Android (android.graphics.Color)	4293185506 (0xFFE4CFE2)
YUV	215.4450, 5.2036, 11.0107
Hunter-Lab	81.6153, 5.9722, -1.8741

# Details

The Hex color **E4CFE2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CFE4D1**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **AD99AB** is the 20% darker color. If you saturate the color by 10%, you get **E4B8E0**, and if you desaturate by 10%, it is **E4E6E4**.

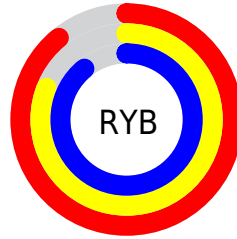
# Distribution



Red (89%)

Green (81%)

Blue (89%)



Red (89%)

Yellow (81%)

Blue (89%)

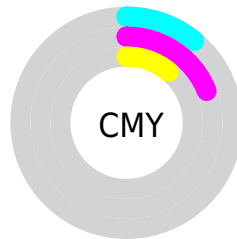


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4CFE2 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 E4CFE2 by changing the saturation by 10% instead.



 E4CFE2

FFFFFF

 E4CFE2

 C8B3C6

 AD99AB

 927F90

 786677

 5F4E5E

 473746

 312130

 1C0C1B

 000000

 E4CFE2

 E4CFE2

 E4B8E0

 E4E6E4

 E4A1DE

 E4FDE6

 E48BDB

 E4FFE9

 E474D9

 E4FFEB

 E45DD7

 E4FFED

 E446D5

 E4FFEF

 E42FD3

 E4FFF1

 E419D1

 E4FFF3

 E402CE

 E4FFF6

# Harmonies

## Analogous

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



D6D2EA



E4CFE2



EDCDD6

# Triad

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



E4CFE2



E0D4BE



B7DCE0

# Complementary

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



E4CFE2



CFE4D1

# 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.



BBDCD4



E4CFE2



D3D8C0

# Square

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



E4CFE2



EAD0C1



C5DBC8



BCDAE9

# Rectangle

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



E4CFE2



EFCDCE



C5DBC8



B8DCDC



# Sweetspot

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



E4CFE2



FFF7FE



D1CFE4



807A7F



000000



808080



# Same Dimension

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



E4CFE2



FFE3FC



E4CFD8



736772



B300A1



33002E



# Inverse Universe

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



E4CFE2



FFE3FC



CFE4DB



736772



B300A2

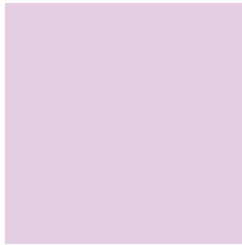


33002E



# Previews

## White Background



This preview shows how the Hex color E4CFE2 looks on a white background.

## Color Contrast Check

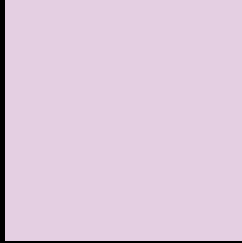
Large Text (above 18pt) WCAG AA × Fail

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 E4CFE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

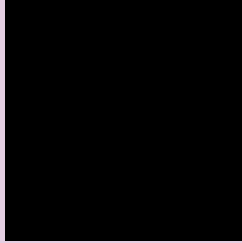
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

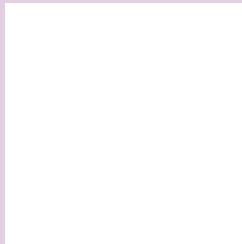
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4CFE2 Background



This preview shows how black text looks on a background with the Hex color E4CFE2.

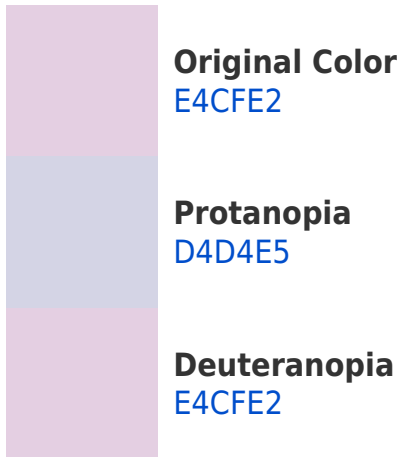


This preview shows how white text looks on a background with the Hex color E4CFE2.

# 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**  
E4CFE0

# Trichromacy



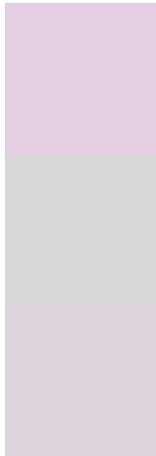
**Original Color**  
E4CFE2

**Protanomaly**  
DAD2E4

**Deuteranomaly**  
E4CFE2

**Tritanomaly**  
E4CFE1

# Monochromacy



**Original Color**  
E4CFE2

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
DCD4DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4CFE2 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 #E4CFE2 looks like.

```
.text, #text, p{  
    color:#E4CFE2  
}
```

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 #E4CFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4CFE2
}
```

## Border

The CSS property to change the border of an element to Hex E4CFE2 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
#E4CFE2 }
```

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

```
.border{ border-color:#E4CFE2 }
```

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

Here you see how a box with a 4 pixel #E4CFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4CFE2; -webkit-box-shadow:4px 4px  
4px 4px #E4CFE2; box-shadow:4px 4px 4px  
4px #E4CFE2 }
```

# Background

The CSS property to change the background color of an element to Hex E4CFE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4CFE2 }
```

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

```
.background{ background-color:#E4CFE2 }
```

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