

Converting Colors

Hex(E0CDE3)

Have a look what the booklet for
Hex(E0CDE3) contains.

Hex(E0CDE3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E0CDE3)

Conversions

Conversions Part 1

Format	Color
Hex	E0CDE3
RGB	224, 205, 227
RGB Percent	88%, 80%, 89%
CMY	0.1216, 0.1961, 0.1098
CMYK	0.01, 0.10, 0.00, 0.11
HSL	292°, 28%, 85%
HSV	292°, 10%, 89%
XYZ	66.4369, 65.0560, 81.7285
YIQ	213.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

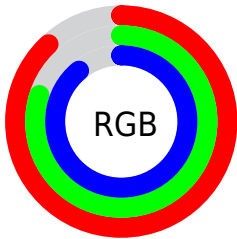
Format	Color
RYB	224, 205, 227
Decimal	14732771
CIELab	84.51, 10.49, -8.46
CIELCh	85, 13.482, 321.115
Yxy	65.0560, 0.3116, 0.3051
Android (android.graphics.Color)	4292922851 (0xFFE0CDE3)
YUV	213.1890, 6.8088, 9.4812
Hunter-Lab	80.6573, 5.8791, -3.6173

Details

The Hex color **E0CDE3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D0E3CD**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **A997AC** is the 20% darker color. If you saturate the color by 10%, you get **DDB6E3**, and if you desaturate by 10%, it is **E3E4E3**.

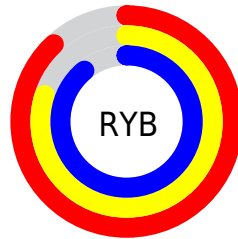
Distribution



Red (88%)

Green (80%)

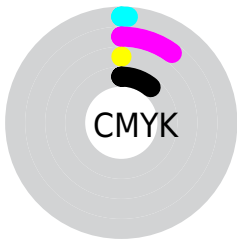
Blue (89%)



Red (88%)

Yellow (80%)

Blue (89%)

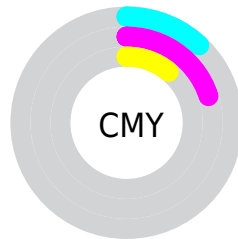


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0CDE3 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 E0CDE3 by changing the saturation by 10% instead.

 E0CDE3

FFFFFF

 E0CDE3

 C4B2C7

 A997AC

 8E7D91

 756477

 5C4C5F

 443547

 2E2031

 1A091C

 000000

 E0CDE3

 E0CDE3

 DDB6E3

 E3E4E3

 DAA0E3

 E6FAE3

 D789E3

 E9FFE3

 D472E3

 ECFE3

 D15CE3

 EFFE3

 CD45E3

 F3FFE3

 CA2EE3

 F6FFE3

 C717E3

 F9FFE3

 C401E3

 FCFFE3

Harmonies

Analogous

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



D1D1EA



E0CDE3



EBCBD7

Triad

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



E0CDE3



E1D1BA



B3DADC

Complementary

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



E0CDE3



D0E3CD

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.



B9DACF



E0CDE3



D4D5BB

Square

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



E0CDE3



EBCDC0



C5D8C3



B6D9E6

Rectangle

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



E0CDE3



EECACE



C5D8C3



B4DBD7

Sweetspot

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



E0CDE3



FEF7FF



CDD0E3



7F7A80



000000



808080

Same Dimension

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



E0CDE3



FBE0FF



E3CDDB



716773



9A00B3



2C0033

Inverse Universe

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



E3CDD0



FFE0E5



CDE3D5



736769



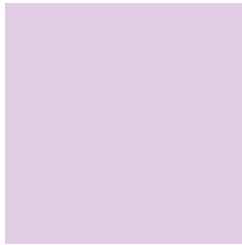
B30018



330007

Previews

White Background



This preview shows how the Hex color E0CDE3 looks on a white background.

Color Contrast Check

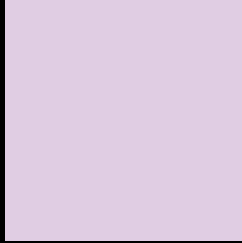
Large Text (above 18pt) WCAG AA × Fail

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 E0CDE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

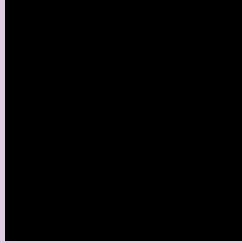
Any Text WCAG AA ✓ Pass

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 E0CDE3 Background



This preview shows how black text looks on a background with the Hex color E0CDE3.

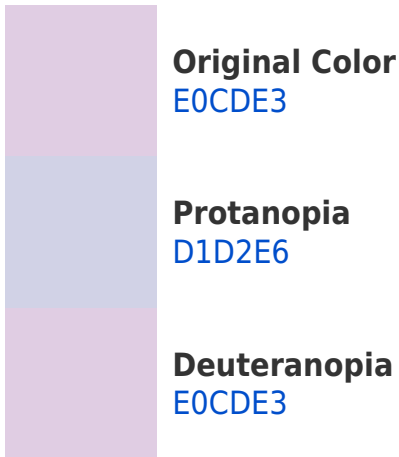


This preview shows how white text looks on a background with the Hex color E0CDE3.

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



Trichromacy



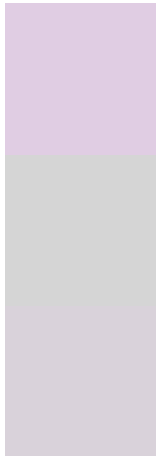
Original Color
E0CDE3

Protanomaly
D6D0E5

Deuteranomaly
E0CDE3

Tritanomaly
DFCEE0

Monochromacy



Original Color
E0CDE3

Achromatopsia
D5D5D5

Achromatomaly
D9D2DA

CSS Examples

Text

The CSS property to change the color of the text to Hex E0CDE3 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 #E0CDE3 looks like.

```
.text, #text, p{  
    color:#E0CDE3  
}
```

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 #E0CDE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0CDE3  
}
```

Border

The CSS property to change the border of an element to Hex E0CDE3 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  
#E0CDE3 }
```

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

```
.border{ border-color:#E0CDE3 }
```

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

Here you see how a box with a 4 pixel #E0CDE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0CDE3; -webkit-box-shadow:4px 4px  
4px 4px #E0CDE3; box-shadow:4px 4px 4px  
4px #E0CDE3 }
```

Background

The CSS property to change the background color of an element to Hex E0CDE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0CDE3 }
```

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

```
.background{ background-color:#E0CDE3 }
```

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