

# Converting Colors

Hex(E2CDE2)

Have a look what the booklet for  
Hex(E2CDE2) contains.

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# **Color**

**Hex(E2CDE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2CDE2
RGB	226, 205, 226
RGB Percent	89%, 80%, 89%
CMY	0.1137, 0.1961, 0.1137
CMYK	0.00, 0.09, 0.00, 0.11
HSL	300°, 27%, 85%
HSV	300°, 9%, 89%
XYZ	66.9228, 65.3224, 81.0328
YIQ	213.6730, 5.7750, 10.9830

# Conversions

## Conversions Part 2

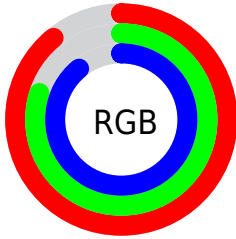
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 205, 226
Decimal	14863842
CIE Lab	84.65, 10.98, -7.71
CIE LCh	85, 13.419, 324.931
Yxy	65.3224, 0.3138, 0.3063
Android (android.graphics.Color)	4293053922 (0xFFE2CDE2)
YUV	213.6730, 6.0772, 10.8108
Hunter-Lab	80.8223, 6.3634, -2.8688

# Details

The Hex color **E2CDE2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CDE2CD**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **AB97AB** is the 20% darker color. If you saturate the color by 10%, you get **E2B6E2**, and if you desaturate by 10%, it is **E2E4E2**.

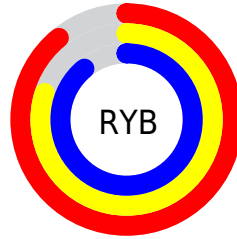
# Distribution



Red (89%)

Green (80%)

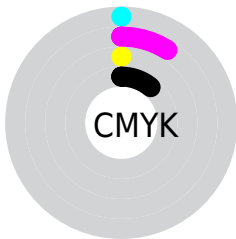
Blue (89%)



Red (89%)

Yellow (80%)

Blue (89%)

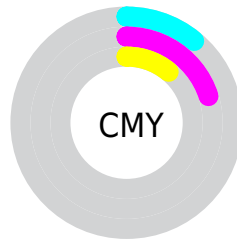


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (20%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2CDE2 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 E2CDE2 by changing the saturation by 10% instead.



 E2CDE2

FFFFFF

 E2CDE2

 C6B2C6

 AB97AB

 907D90

 766477

 5E4C5E

 463546

 2F2030

 1B091B

 000000

 E2CDE2

 E2CDE2

 E2B6E2

 E2E4E2

 E2A0E2

 E2FAE2

 E289E2

 E2FFE2

 E273E2

 E25CE2

 E245E2

 E22FE2

 E218E2

 E202E2

# Harmonies

## Analogous

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



D3D1EA



E2CDE2



ECCBD6

# Triad

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



E2CDE2



E0D2BA



B3DBDD

# Complementary

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



E2CDE2



CDE2CD

# 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.



B8DBD1



E2CDE2



D2D6BC

# Square

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



E2CDE2



EACEBF



C4D9C4



B7D9E8

# Rectangle

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



E2CDE2



EFCBCD



C4D9C4



B4DBD9



# Sweetspot

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



E2CDE2



FFF7FF



CDCDE2



807A80



000000



808080



# Same Dimension

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



E2CDE2



FFE3FF



E2CDD8



706570



B000B0



300030



# Inverse Universe

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



E2CDE2



FFE3FF



CDE2D8



706570



B000B0

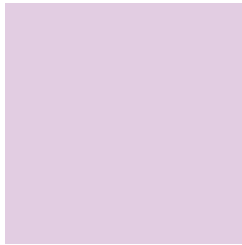


300030



# Previews

## White Background



This preview shows how the Hex color E2CDE2 looks on a white background.

## Color Contrast Check

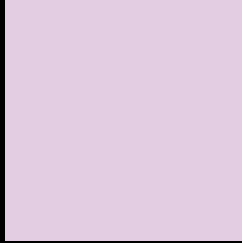
Large Text (above 18pt) WCAG AA × Fail

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 E2CDE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

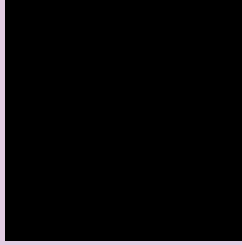
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2CDE2 Background



This preview shows how black text looks on a background with the Hex color E2CDE2.

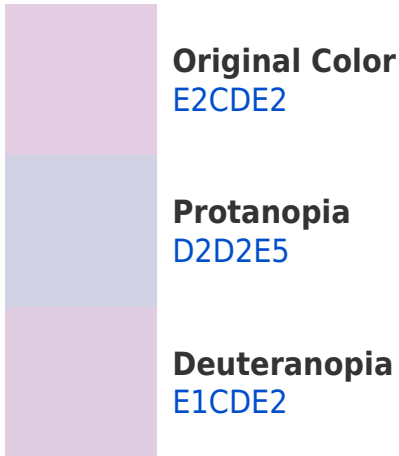


This preview shows how white text looks on a background with the Hex color E2CDE2.

# 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



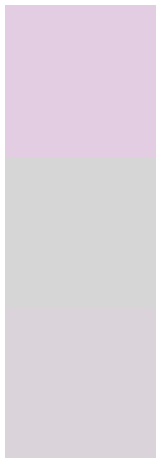
**Original Color**  
E2CDE2

**Protanomaly**  
D8D0E4

**Deuteranomaly**  
E1CDE2

**Tritanomaly**  
E1CEDF

# Monochromacy



**Original Color**  
E2CDE2

**Achromatopsia**  
D6D6D6

**Achromatomaly**  
DAD3DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2CDE2 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 #E2CDE2 looks like.

```
.text, #text, p{  
    color:#E2CDE2  
}
```

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 #E2CDE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2CDE2
}
```

## Border

The CSS property to change the border of an element to Hex E2CDE2 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
#E2CDE2 }
```

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

```
.border{ border-color:#E2CDE2 }
```

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

Here you see how a box with a 4 pixel #E2CDE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2CDE2; -webkit-box-shadow:4px 4px  
4px 4px #E2CDE2; box-shadow:4px 4px 4px  
4px #E2CDE2 }
```

# Background

The CSS property to change the background color of an element to Hex E2CDE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2CDE2 }
```

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

```
.background{ background-color:#E2CDE2 }
```

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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