

# Converting Colors

Hex(E9CDD8)

Have a look what the booklet for  
Hex(E9CDDDB) contains.

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# **Color**

**Hex(E9CDDDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9CDDB
RGB	233, 205, 219
RGB Percent	91%, 80%, 86%
CMY	0.0863, 0.1961, 0.1412
CMYK	0.00, 0.12, 0.06, 0.09
HSL	330°, 39%, 86%
HSV	330°, 12%, 91%
XYZ	68.2218, 66.1008, 76.1809
YIQ	214.9680, 12.1940, 10.2900

# Conversions

## Conversions Part 2

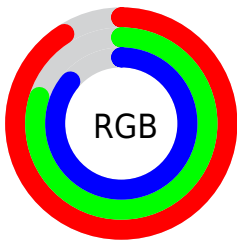
Format	Color
R <sub>Y</sub> B	233, 205, 219
Decimal	15322587
CIE Lab	85.05, 12.13, -3.33
CIE LCh	85, 12.576, 344.638
Yxy	66.1008, 0.3241, 0.3140
Android (android.graphics.Color)	4293512667 (0xFFE9CDDB)
YUV	214.9680, 1.9878, 15.8141
Hunter-Lab	81.3024, 7.5023, 1.3565

# Details

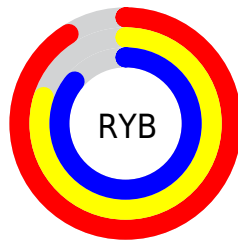
The Hex color **E9CDDB** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **CDE9DB**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **B197A4** is the 20% darker color. If you saturate the color by 10%, you get **E9B6CF**, and if you desaturate by 10%, it is **E9E4E7**.

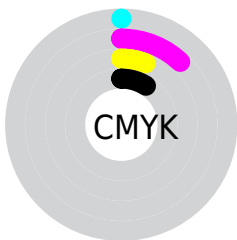
# Distribution



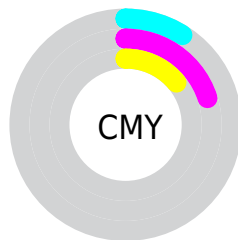
- Red (91%)
- Green (80%)
- Blue (86%)



- Red (91%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9CDDDB 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 E9CDDDB by changing the saturation by 10% instead.



 E9CDD8

FFFFFF

 E9CDD8

 CDB2BF

 B197A4

 967D8A

 7C6470

 634C58

 4B3541

 34202B

 1F0916

 000000

 E9CDD8

 E9CDD8

 E9B6CF

 E9E4E7

 E99EC4

 E9FCF2

 E987B8

 E9FFFE

 E970AC

 E9FFFF

 E959A1

 E94195

 E92A89

 E9137E

 E90075

# Harmonies

## Analogous

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



DED0E5



E9CDD8



EECCCF

# Triad

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



E9CDD8



D8D5BD



B8DAE5

# Complementary

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



E9CDD8



CDE9DB

# 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.



B7DCDA



E9CDDB



CAD9C3

# Square

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



E9CDDB



E4D2BE



BEDBCE



C1D7EB

# Rectangle

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



E9CDDB



EECDC7



BEDBCE



B7DBE1



# Sweetspot

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



E9CDD8



FFF5FA



DBCDE9



80797C



000000



808080



# Same Dimension

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



E9CDDB



FFDBED



E9CDCD



756A6F



B5005B



36001B



# Inverse Universe

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



E9CDDB



FFDBED



CDE9E9



756A6F



B5005B

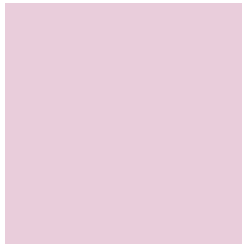


36001B



# Previews

## White Background



This preview shows how the Hex color E9CDDB looks on a white background.

## Color Contrast Check

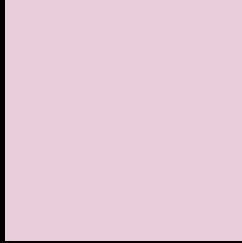
Large Text (above 18pt) WCAG AA × Fail

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 E9CDDDB 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 E9CDDDB Background



This preview shows how black text looks on a background with the Hex color E9CDDDB.

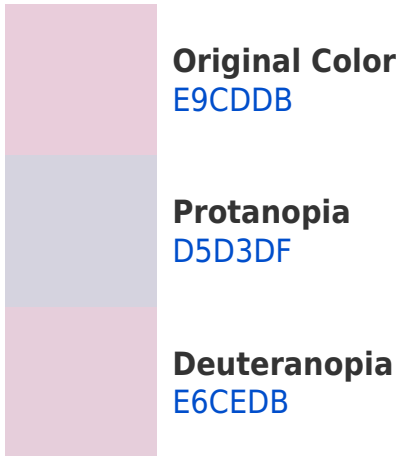


This preview shows how white text looks on a background with the Hex color E9CDDDB.

# 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**  
E9CDDD

# Trichromacy



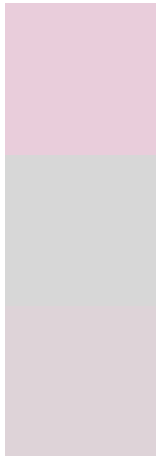
**Original Color**  
E9CDD8

**Protanomaly**  
DCD1DE

**Deuteranomaly**  
E7CEDB

**Tritanomaly**  
E9CDDC

# Monochromacy



**Original Color**  
E9CDD8

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
DED3D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9CDDDB 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 #E9CDDDB looks like.

```
.text, #text, p{  
    color:#E9CDDDB  
}
```

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 #E9CDDDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9CDDDB
}
```

## Border

The CSS property to change the border of an element to Hex E9CDDDB 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
#E9CDDDB }
```

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

```
.border{ border-color:#E9CDDB }
```

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

Here you see how a box with a 4 pixel #E9CDDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9CDDB; -webkit-box-shadow:4px 4px  
4px 4px #E9CDDB; box-shadow:4px 4px 4px  
4px #E9CDDB }
```

# Background

The CSS property to change the background color of an element to Hex E9CDDDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9CDDDB }
```

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

```
.background{ background-color:#E9CDDDB }
```

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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