

# Converting Colors

Hex(E1DCD4)

Have a look what the booklet for  
Hex(E1DCD4) contains.

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# **Color**

**Hex(E1DCD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1DCD4
RGB	225, 220, 212
RGB Percent	88%, 86%, 83%
CMY	0.1176, 0.1373, 0.1686
CMYK	0.00, 0.02, 0.06, 0.12
HSL	37°, 18%, 86%
HSV	37°, 6%, 88%
XYZ	68.5282, 71.9474, 72.5628
YIQ	220.5830, 5.5480, -1.4280

# Conversions

## Conversions Part 2

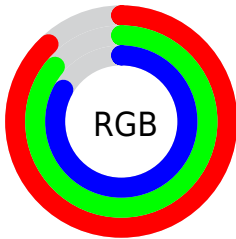
Format	Color
RYP	220, 225, 212
Decimal	14802132
CIELab	87.94, 0.32, 4.52
CIELCh	88, 4.528, 86.011
Yxy	71.9474, 0.3217, 0.3377
Android (android.graphics.Color)	4292992212 (0xFFE1DCD4)
YUV	220.5830, -4.2314, 3.8737
Hunter-Lab	84.8218, -4.2267, 8.6543

# Details

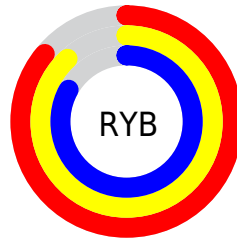
The Hex color **E1DCD4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D4D9E1**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **AAA59D** is the 20% darker color. If you saturate the color by 10%, you get **E1D3BE**, and if you desaturate by 10%, it is **E1E5EB**.

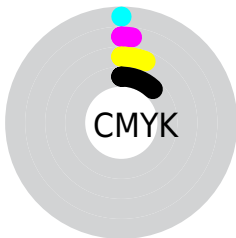
# Distribution



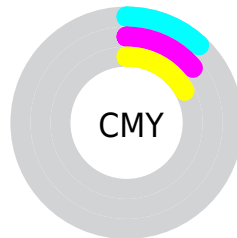
- Red (88%)
- Green (86%)
- Blue (83%)



- Red (86%)
- Yellow (88%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1DCD4 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 E1DCD4 by changing the saturation by 10% instead.



 E1DCD4

FFFFFF

 E1DCD4

 C5C0B8

 AAA59D

 8F8B83

 76716A

 5D5952

 45423B

 2F2B25

 1A1711

 000000

 E1DCD4

 E1DCD4

 E1D3BE

 E1E5EB

 E1CBA7

 E1EDFF

 E1C291

 E1F6FF

 E1B97A

 E1FFFF

 E1B164

 E1A84D

 E19F37

 E19720

 E18E0A

# Harmonies

## Analogous

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



E5DBD6



E1DCD4



DCDDD5

# Triad

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



E1DCD4



D2DFE0



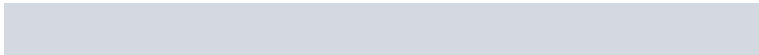
E2DAE1

# Complementary

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



E1DCD4



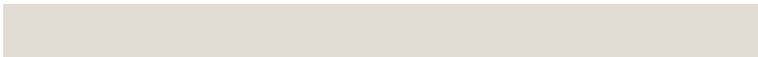
D4D9E1

# Split Complementary

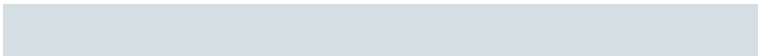
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DDDCE4



E1DCD4



D4DEE3

# Square

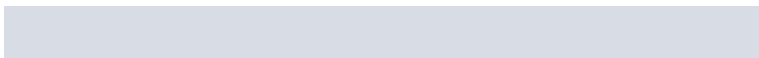
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E1DCD4



D4DFDC



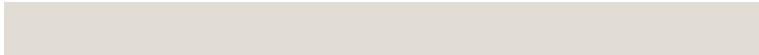
D8DDE5



E5DADD

# Rectangle

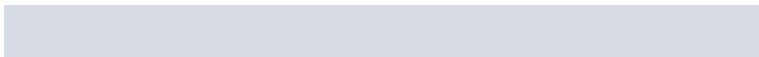
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



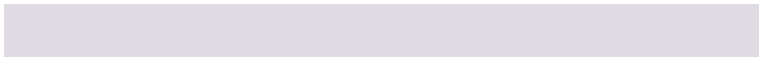
E1DCD4



D9DED6



D8DDE5



E0DBE3



# Sweetspot

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



E1DCD4



FFFDF4



E1D4D9



807F7D



000000



808080

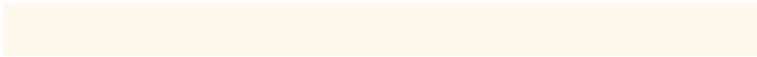


# Same Dimension

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



E1DCD4



FFF8ED



E0E1D4



706D67



B06C00



301E00

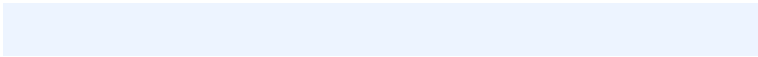


# Inverse Universe

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



D4D9E1



EDF4FF



D5D4E1



676B70



0044B0

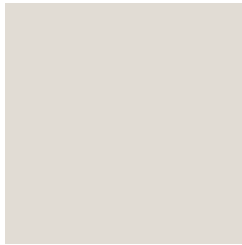


001330



# Previews

## White Background



This preview shows how the Hex color E1DCD4 looks on a white background.

## Color Contrast Check

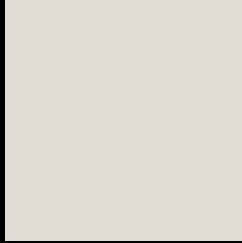
Large Text (above 18pt) WCAG AA × Fail

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 E1DCD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

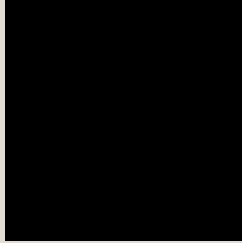
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

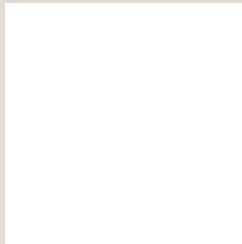
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E1DCD4 Background



This preview shows how black text looks on a background with the Hex color E1DCD4.

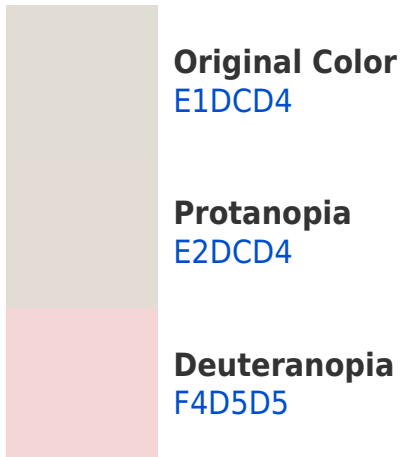


This preview shows how white text looks on a background with the Hex color E1DCD4.

# 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**  
E4D9EA

# Trichromacy



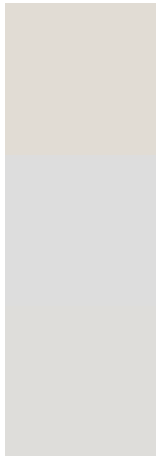
**Original Color**  
E1DCD4

**Protanomaly**  
E2DCD4

**Deuteranomaly**  
EDD8D5

**Tritanomaly**  
E3DAE2

# Monochromacy



**Original Color**  
E1DCD4

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
DEDDDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1DCD4 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 #E1DCD4 looks like.

```
.text, #text, p{  
    color:#E1DCD4  
}
```

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 #E1DCD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1DCD4
}
```

## Border

The CSS property to change the border of an element to Hex E1DCD4 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
#E1DCD4 }
```

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

```
.border{ border-color:#E1DCD4 }
```

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

Here you see how a box with a 4 pixel #E1DCD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1DCD4; -webkit-box-shadow:4px 4px  
4px 4px #E1DCD4; box-shadow:4px 4px 4px  
4px #E1DCD4 }
```

# Background

The CSS property to change the background color of an element to Hex E1DCD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1DCD4 }
```

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

```
.background{ background-color:#E1DCD4 }
```

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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