

# Converting Colors

Hex(DEDCE4)

Have a look what the booklet for  
Hex(DEDCE4) contains.

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# **Color**

**Hex(DEDCE4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEDCE4
RGB	222, 220, 228
RGB Percent	87%, 86%, 89%
CMY	0.1294, 0.1373, 0.1059
CMYK	0.03, 0.04, 0.00, 0.11
HSL	255°, 13%, 88%
HSV	255°, 4%, 89%
XYZ	69.7210, 72.3174, 83.6828
YIQ	221.5100, -1.3760, 2.9120

# Conversions

## Conversions Part 2

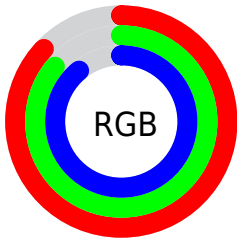
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 220, 228
Decimal	14605540
CIE Lab	88.12, 2.13, -3.68
CIE LCh	88, 4.254, 300.121
Yxy	72.3174, 0.3089, 0.3204
Android (android.graphics.Color)	4292795620 (0xFFDEDCE4)
YUV	221.5100, 3.1996, 0.4297
Hunter-Lab	85.0397, -2.4736, 1.1838

# Details

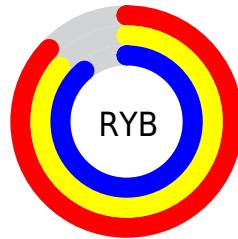
The Hex color **DEDCE4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2E4DC**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **A7A5AD** is the 20% darker color. If you saturate the color by 10%, you get **CDC5E4**, and if you desaturate by 10%, it is **EFF3E4**.

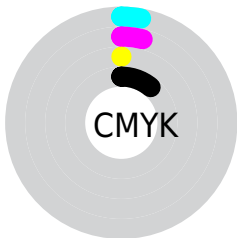
# Distribution



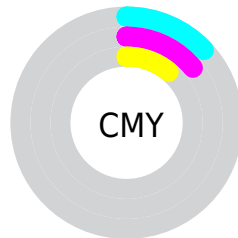
- Red (87%)
- Green (86%)
- Blue (89%)



- Red (87%)
- Yellow (86%)
- Blue (89%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (14%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEDCE4 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 DEDCE4 by changing the saturation by 10% instead.



■ DEDCE4

FFFFFF

■ DEDCE4

■ C2C0C8

■ A7A5AD

■ 8D8B92

■ 737178

■ 5B5960

■ 434248

■ 2D2B32

■ 18171D

■ 000001

 DEDCE4

 DEDCE4

 CDC5E4

 EFF3E4

 BCAEE4

 FFFFE4

 AB98E4

 9A81E4

 886AE4

 7753E4

 663CE4

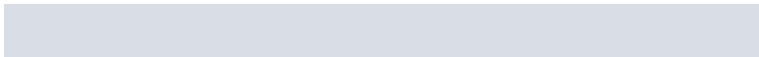
 5526E4

 440FE4

# Harmonies

## Analogous

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



D9DDE5



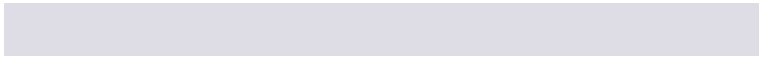
DEDCE4



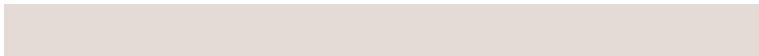
E3DBE1

# Triad

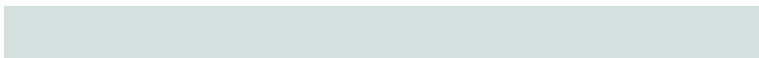
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEDCE4



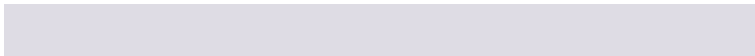
E4DBD6



D4E0DD

# Complementary

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



DEDCE4



E2E4DC

# 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.



D7DFD9



DEDCE4



E1DDD5

# Square

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



DEDCE4



E6DBD9



DCDED6



D3DFE1

# Rectangle

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



DEDCE4



E5DBDF



DCDED6



D5DFDB



# Sweetspot

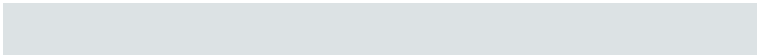
The Sweet Spot groups the original color and five complimentary colors.



DEDCE4



FDFCFF



DCE2E4



7F7E80



000000



808080



# Same Dimension

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



DEDCE4



F7F5FF



E2DCE4



6E6D73



2D00B3



0D0033



# Inverse Universe

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



E4DCE2



FFF5FC



DEE4DC



736D71



B30086

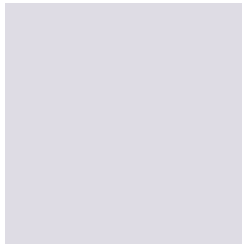


330026



# Previews

## White Background



This preview shows how the Hex color DEDCE4 looks on a white background.

## Color Contrast Check

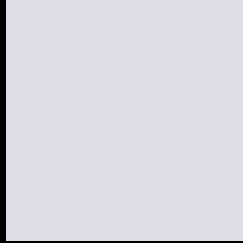
Large Text (above 18pt) WCAG AA × Fail

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 DEDCE4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

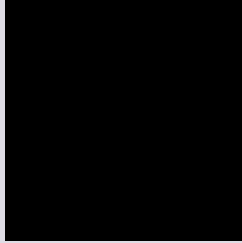
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

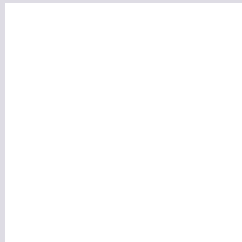
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEDCE4 Background



This preview shows how black text looks on a background with the Hex color DEDCE4.

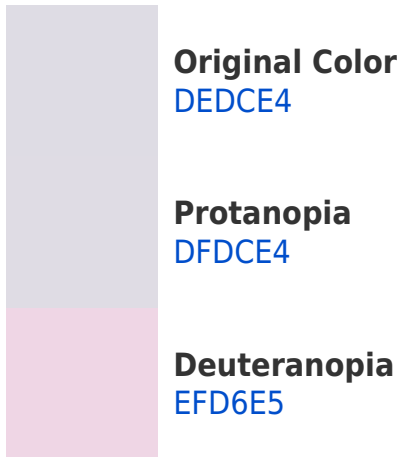


This preview shows how white text looks on a background with the Hex color DEDCE4.

# Color Blindness Simulation

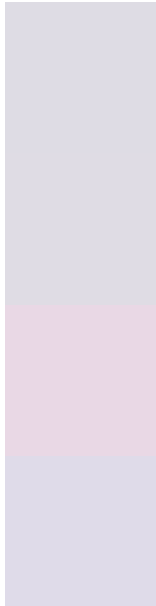
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



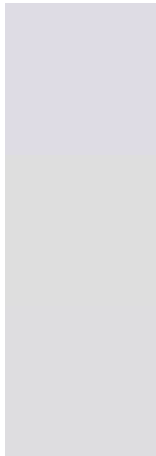
**Original Color**  
DEDCE4

**Protanomaly**  
DFDCE4

**Deuteranomaly**  
E9D8E5

**Tritanomaly**  
DFDBE9

# Monochromacy



**Original Color**  
DEDCE4

**Achromatopsia**  
DEDEDE

**Achromatomaly**  
DEDDE0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEDCE4 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 #DEDCE4 looks like.

```
.text, #text, p{  
    color:#DEDCE4  
}
```

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 #DEDCE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEDCE4
}
```

## Border

The CSS property to change the border of an element to Hex DEDCE4 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
#DEDCE4 }
```

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

```
.border{ border-color:#DEDCE4 }
```

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

Here you see how a box with a 4 pixel #DEDCE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEDCE4; -webkit-box-shadow:4px 4px  
4px 4px #DEDCE4; box-shadow:4px 4px 4px  
4px #DEDCE4 }
```

# Background

The CSS property to change the background color of an element to Hex DEDCE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEDCE4 }
```

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

```
.background{ background-color:#DEDCE4 }
```

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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