

# Converting Colors

Hex(DED7E3)

Have a look what the booklet for  
Hex(DED7E3) contains.

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# Color

**Hex(DED7E3)**

# Conversions

Conversions Part 1	
Format	Color
Hex	DED7E3
RGB	222, 215, 227
RGB Percent	87%, 84%, 89%
CMY	0.1294, 0.1569, 0.1098
CMYK	0.02, 0.05, 0.00, 0.11
HSL	275°, 18%, 87%
HSV	275°, 5%, 89%
XYZ	68.2898, 69.6765, 82.5227
YIQ	218.4610, 0.3200, 5.2160

# Conversions

## Conversions Part 2

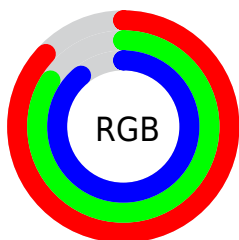
Format	Color
<a href="#">RYB</a>	<a href="#">222, 215, 227</a>
Decimal	<a href="#">14604259</a>
CIELab	<a href="#">86.84, 4.56, -5.04</a>
CIELCh	<a href="#">87, 6.797, 312.122</a>
Yxy	<a href="#">69.6765, 0.3097, 0.3160</a>
Android (android.graphics.Color)	<a href="#">4292794339</a> (0xFFDED7E3)
YUV	<a href="#">218.4610, 4.2097, 3.1037</a>
Hunter-Lab	<a href="#">83.4725, -0.0439, -0.1847</a>

# Details

The Hex color **DED7E3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DCE3D7**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **A7A0AC** is the 20% darker color. If you saturate the color by 10%, you get **D5C0E3**, and if you desaturate by 10%, it is **E7EEE3**.

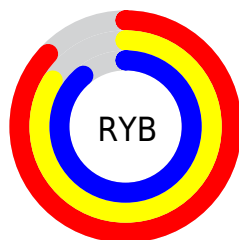
# Distribution



Red (87%)

Green (84%)

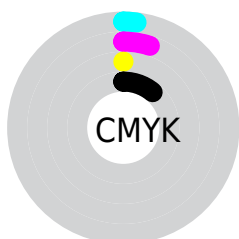
Blue (89%)



Red (87%)

Yellow (84%)

Blue (89%)

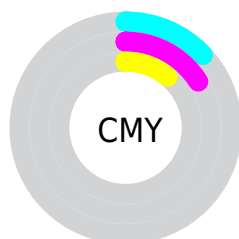


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (16%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DED7E3 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 DED7E3 by changing the saturation by 10% instead.



 DED7E3

 DED7E3

FFFFFF

 C2BBC7

 A7A0AC

 8D8691

 736D77

 5A555F

 433D47

 2D2831

 18131C

 000000

 DED7E3

 DED7E3

 D5C0E3

 E7EEE3

 CBAAE3

 F1FFE3

 C293E3

 FAFFE3

 B87CE3

 FFFFE3

 AF66E3

 A54FE3

 9C38E3

 9221E3

 890BE3

# Harmonies

## Analogous

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



D6D9E6



DED7E3



E4D6DE

# Triad

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



DED7E3



E3D8CD



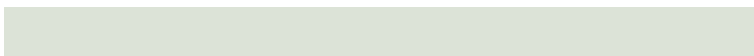
CADDDC

# Complementary

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



DED7E3



DCE3D7

# 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.



CEDDD5



DED7E3



DCDACD

# Square

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



DED7E3



E7D6D1



D5DCD0



CBDDE2

# Rectangle

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



DED7E3



E7D5D9



D5DCD0



CBDDDA

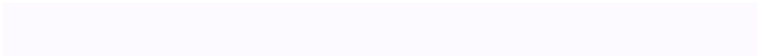


# Sweetspot

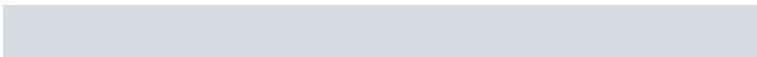
The Sweet Spot groups the original color and five complimentary colors.



DED7E3



FDFAFF



D7DCE3



7E7D80



000000



808080



# Same Dimension

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



DED7E3



F9F0FF



E3D7E2



6F6B73



6800B3



1E0033

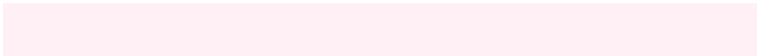


# Inverse Universe

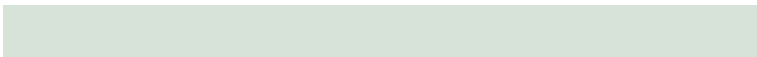
The Inverse Universe completely reimagines the original color for something new.



E3D7DC



FFF0F6



D7E3D8



736B6E



B3004A

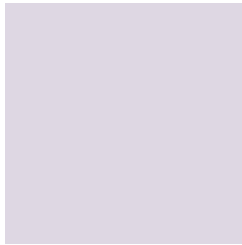


330015



# Previews

## White Background



This preview shows how the Hex color DED7E3 looks on a white background.

## Color Contrast Check

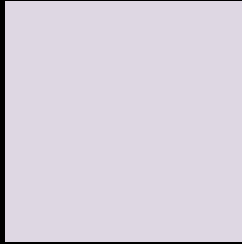
Large Text (above 18pt) WCAG AA × Fail

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 DED7E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

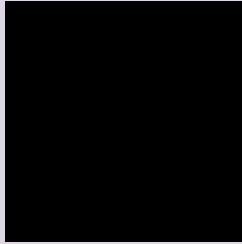
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

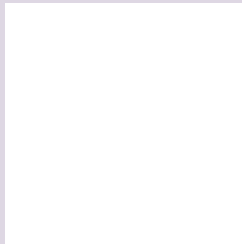
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DED7E3 Background



This preview shows how black text looks on a background with the Hex color DED7E3.

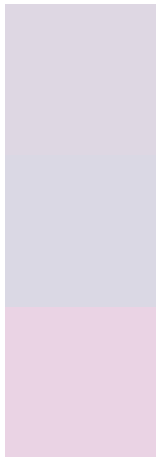


This preview shows how white text looks on a background with the Hex color DED7E3.

# 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



**Original Color**  
DED7E3

**Protanopia**  
DAD8E4

**Deuteranopia**  
EAD3E4



# Trichromacy

	<b>Original Color</b> DED7E3
	<b>Protanomaly</b> DBD8E4
	<b>Deuteranomaly</b> E6D4E4
	<b>Tritanomaly</b> DFD6E6

# Monochromacy

	<b>Original Color</b> DED7E3
	<b>Achromatopsia</b> DADADA
	<b>Achromatomaly</b> DBD9DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DED7E3 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 #DED7E3 looks like.

```
.text, #text, p{  
    color:#DED7E3  
}
```

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 #DED7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DED7E3
}
```

## Border

The CSS property to change the border of an element to Hex DED7E3 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
#DED7E3 }
```

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

```
.border{ border-color:#DED7E3 }
```

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

Here you see how a box with a 4 pixel #DED7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DED7E3; -webkit-box-shadow:4px 4px  
4px 4px #DED7E3; box-shadow:4px 4px 4px  
4px #DED7E3 }
```

# Background

The CSS property to change the background color of an element to Hex DED7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DED7E3 }
```

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

```
.background{ background-color:#DED7E3 }
```

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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