

# Converting Colors

Hex(DED9E)

Have a look what the booklet for  
Hex(DED9E) contains.

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# **Color**

**Hex(DED9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEDC9E
RGB	222, 220, 158
RGB Percent	87%, 86%, 62%
CMY	0.1294, 0.1373, 0.3804
CMYK	0.00, 0.01, 0.29, 0.13
HSL	58°, 49%, 75%
HSV	58°, 29%, 87%
XYZ	61.8890, 69.1846, 42.4398
YIQ	213.5300, 21.0940, -18.8580

# Conversions

## Conversions Part 2

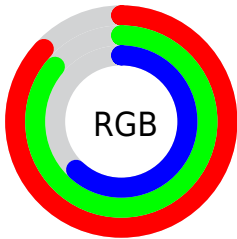
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 222, 158
Decimal	14605470
CIELab	86.60, -8.85, 30.79
CIELCh	87, 32.040, 106.032
Yxy	69.1846, 0.3567, 0.3987
Android (android.graphics.Color)	4292795550 (0xFFDEDC9E)
YUV	213.5300, -27.3763, 7.4282
Hunter-Lab	83.1773, -12.7454, 27.9724

# Details

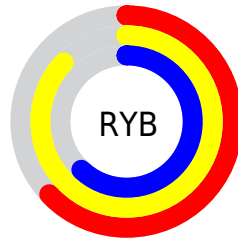
The Hex color **DEDC9E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9EA0DE**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFD5**, and **A6A56A** is the 20% darker color. If you saturate the color by 10%, you get **DEDB88**, and if you desaturate by 10%, it is **DEDDB4**.

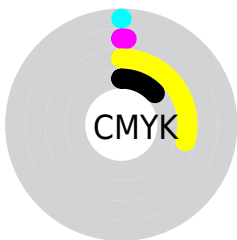
# Distribution



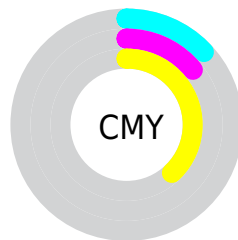
- Red (87%)
- Green (86%)
- Blue (62%)



- Red (63%)
- Yellow (87%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEDC9E 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 DEDC9E by changing the saturation by 10% instead.



 DEDC9E

 DEDC9E

FFFFFF


 C2C084

 FFFFD5

 A6A56A

 FFFFF2

 8B8B51

 717139

 585922

 3F420B

 292C00

 0E1800

 000000

 DEDC9E

 DEDC9E

 DEDB88

 DEDDB4

 DEDB72

 DEDDCA

 DEDA5B

 DEDEE1

 DED945

 DEDFF7

 DED92F

 DEDFFF

 DED819

 DEE0FF

 DED703

 DEE1FF

 DED700

 DEE2FF

# Harmonies

## Analogous

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



FCD29E



DEDC9E



BCE4AE

# Triad

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



DEDC9E



81E7FF



FFC4E8

# Complementary

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



DEDC9E



9EA0DE

# Split Complementary

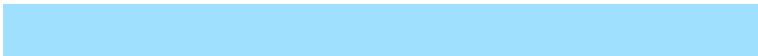
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F1CBFF



DEDC9E



9FE0FF

# Square

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



DEDC9E



81EAE8



CAD6FF



FFC3C9

# Rectangle

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



DEDC9E



A4E8BF



CAD6FF



FFC6F2



# Sweetspot

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



DEDC9E



FFFEE8



DE9EA0



807F71



000000



808080



# Same Dimension

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



DEDC9E



FFCA6



CODE9E



707065



B0AA00



302F00



# Inverse Universe

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



9EA0DE



A6A9FF



BC9EDE



656570



0005B0

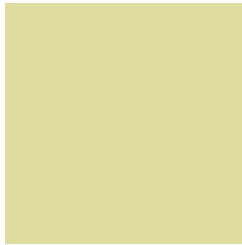


000230



# Previews

## White Background



This preview shows how the Hex color DED99E looks on a white background.

## Color Contrast Check

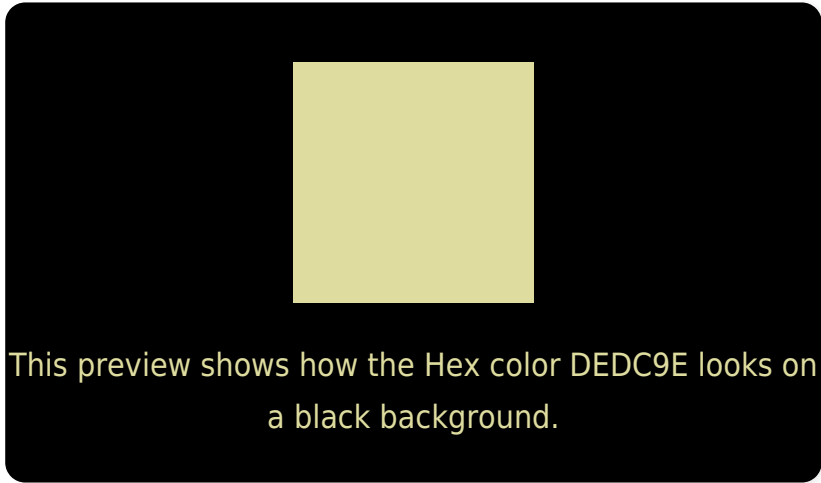
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

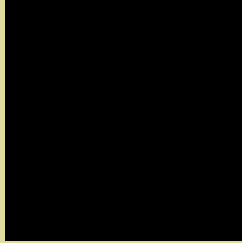
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

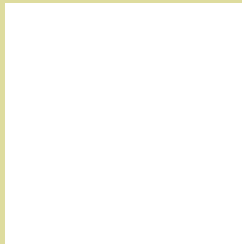
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEDC9E Background



This preview shows how black text looks on a background with the Hex color DEDC9E.

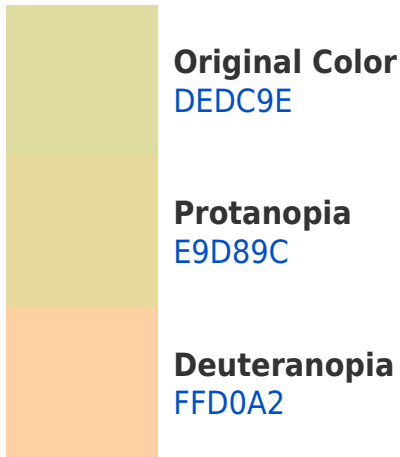


This preview shows how white text looks on a background with the Hex color DEDC9E.

# 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](#).

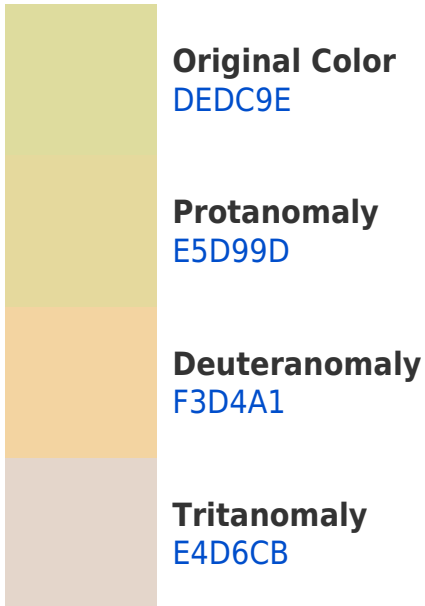
## Dichromacy





**Tritanopia**  
E7D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEDC9E 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 #DED9E looks like.

```
.text, #text, p{  
    color:#DED9E  
}
```

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 #DEDC9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEDC9E
}
```

## Border

The CSS property to change the border of an element to Hex DEDC9E 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
#DEDC9E }
```

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

```
.border{ border-color:#DEDC9E }
```

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

Here you see how a box with a 4 pixel #DEDC9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEDC9E; -webkit-box-shadow:4px 4px  
4px 4px #DEDC9E; box-shadow:4px 4px 4px  
4px #DEDC9E }
```

# Background

The CSS property to change the background color of an element to Hex DEDC9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEDC9E }
```

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

```
.background{ background-color:#DEDC9E }
```

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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