

# Converting Colors

Hex(DEDFB3)

Have a look what the booklet for  
Hex(DEDFB3) contains.

<b>Hex(DEDFB3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DEDFB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEDFB3
RGB	222, 223, 179
RGB Percent	87%, 87%, 70%
CMY	0.1294, 0.1255, 0.2980
CMYK	0.00, 0.00, 0.20, 0.13
HSL	61°, 41%, 79%
HSV	61°, 20%, 87%
XYZ	64.6486, 71.5596, 53.0529
YIQ	217.6850, 13.5280, -13.8960

# Conversions

## Conversions Part 2

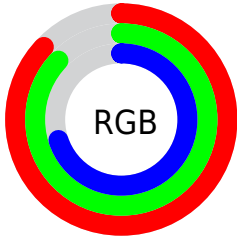
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 223, 180
Decimal	14606259
CIELab	87.76, -7.50, 21.51
CIELCh	88, 22.783, 109.232
Yxy	71.5596, 0.3416, 0.3781
Android (android.graphics.Color)	4292796339 (0xFFDEDFB3)
YUV	217.6850, -19.0717, 3.7843
Hunter-Lab	84.5929, -11.6223, 22.0310

# Details

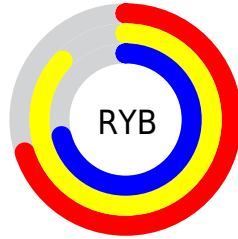
The Hex color **DEDFB3** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B4B3DF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFEB**, and **A7A87E** is the 20% darker color. If you saturate the color by 10%, you get **DDDF9D**, and if you desaturate by 10%, it is **DFDFC9**.

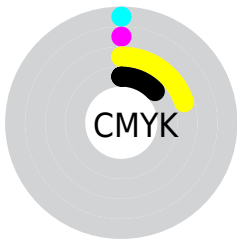
# Distribution



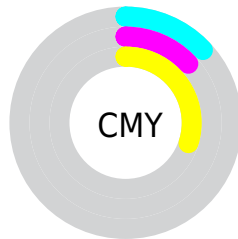
- Red (87%)
- Green (87%)
- Blue (70%)



- Red (70%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEDFB3 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 DEDFB3 by changing the saturation by 10% instead.



 DEDFB3

FFFFFF

 FFFFEB

 DEDFB3

 C2C398

 A7A87E

 8C8E65

 72744D

 595B36

 414420

 2B2E09

 151900

 000000

 DEDFB3

 DEDFB3

 DDDF9D

 DFDFC9

 DDDF86

 DFDFE0

 DCDF70

 E0DFF6

 DCDF5A

 E0DFFF

 DBDF43

 E1DFFF

 DBDF2D

 E2DFFF

 DADF17

 E3DFFF

 DADF01

 DADF00

# Harmonies

## Analogous

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



F4D8B2



DEDFB3



C5E5BF

# Triad

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



DEDFB3



A6E6FC



FFCEE5

# Complementary

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



DEDFB3



B4B3DF

# Split Complementary

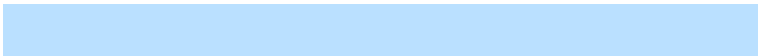
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F0D2F9



DEDFB3



BAE0FF

# Square

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



DEDFB3



A2E8E9



D6D9FF



FFCDCF

# Rectangle

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



DEDFB3



B6E7CC



D6D9FF



FECFEC

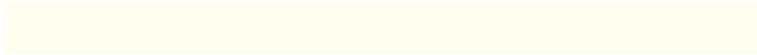


# Sweetspot

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



DEDFB3



FFFFF0



DFB4B3



7F8077



000000



808080



# Same Dimension

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



DEDFB3



FEFFC2



C8DFB3



707065



ACB000



2F3000



# Inverse Universe

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



B4B3DF



C3C2FF



CAB3DF



656570



0400B0

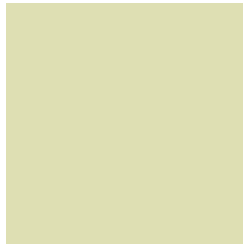


010030



# Previews

## White Background



This preview shows how the Hex color #DEDFB3 looks on a white background.

## Color Contrast Check

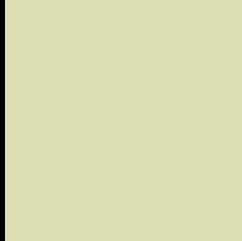
Large Text (above 18pt) WCAG AA × Fail

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 DEDFB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

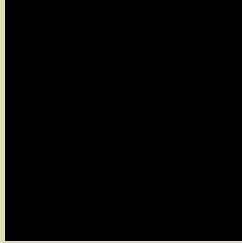
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

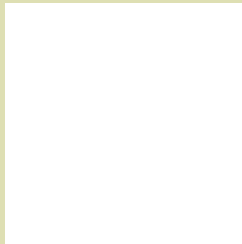
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEDFB3 Background



This preview shows how black text looks on a background with the Hex color DEDFB3.

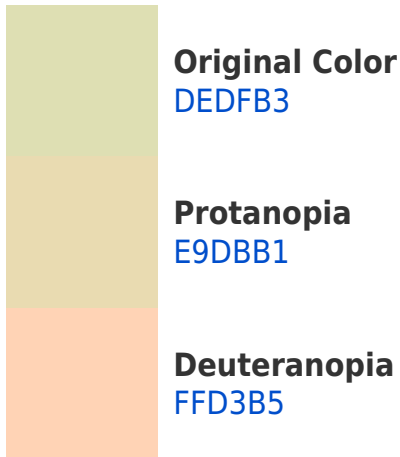


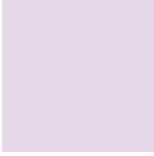
This preview shows how white text looks on a background with the Hex color DEDFB3.

# 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](#).

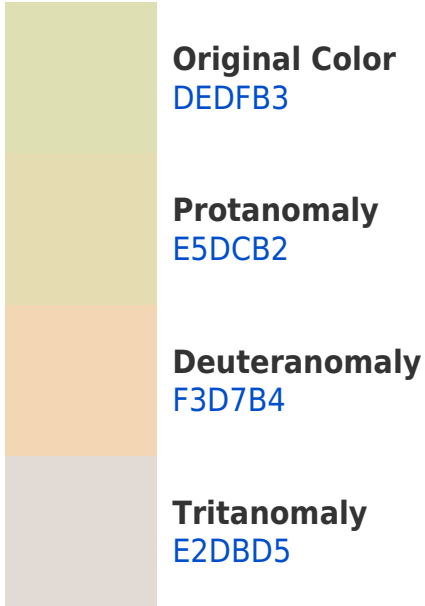
## Dichromacy





**Tritanopia**  
E5D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEDFB3 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 #DEDFB3 looks like.

```
.text, #text, p{  
    color:#DEDFB3  
}
```

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 #DEDFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEDFB3  
}
```

## Border

The CSS property to change the border of an element to Hex DEDFB3 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  
#DEDFB3 }
```

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

```
.border{ border-color:#DEDFB3 }
```

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

Here you see how a box with a 4 pixel #DEDFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEDFB3; -webkit-box-shadow:4px 4px  
4px 4px #DEDFB3; box-shadow:4px 4px 4px  
4px #DEDFB3 }
```

# Background

The CSS property to change the background color of an element to Hex DEDFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEDFB3 }
```

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

```
.background{ background-color:#DEDFB3 }
```

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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