

# Converting Colors

Hex(DEE3AD)

Have a look what the booklet for  
Hex(DEE3AD) contains.

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# **Color**

**Hex(DEE3AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEE3AD
RGB	222, 227, 173
RGB Percent	87%, 89%, 68%
CMY	0.1294, 0.1098, 0.3216
CMYK	0.02, 0.00, 0.24, 0.11
HSL	66°, 49%, 78%
HSV	66°, 24%, 89%
XYZ	65.1361, 73.4849, 50.2861
YIQ	219.3490, 14.3540, -17.8540

# Conversions

## Conversions Part 2

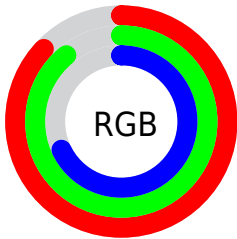
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 227, 178
Decimal	14607277
CIELab	88.68, -10.38, 25.89
CIELCh	89, 27.889, 111.845
Yxy	73.4849, 0.3448, 0.3890
Android (android.graphics.Color)	4292797357 (0xFFDEE3AD)
YUV	219.3490, -22.8501, 2.3249
Hunter-Lab	85.7233, -14.3842, 25.2263

# Details

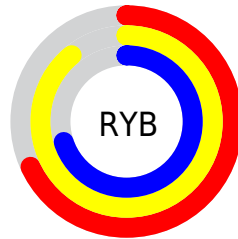
The Hex color **DEE3AD** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B2ADE3**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFE5**, and **A6AC78** is the 20% darker color. If you saturate the color by 10%, you get **DCE396**, and if you desaturate by 10%, it is **E0E3C4**.

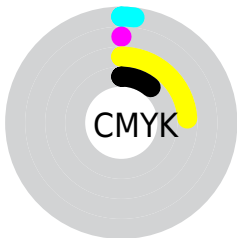
# Distribution



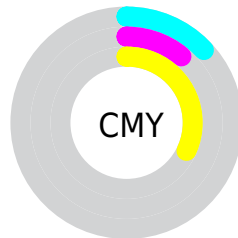
- Red (87%)
- Green (89%)
- Blue (68%)



- Red (68%)
- Yellow (89%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEE3AD 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 DEE3AD by changing the saturation by 10% instead.



 DEE3AD

 DEE3AD

FFFFFF

 C2C792

 FFFFEE5

 A6AC78

 8C915F

 727847

 595F30

 41471A

 2A3101

 131C00

 000000

 DEE3AD

 DEE3AD

 DCE396

 E0E3C4

 DAE380

 E2E3DA

 D8E369

 E4E3F1

 D6E352

 E6E3FF

 D3E33C

 E9E3FF

 D1E325

 EBE3FF

 CFE30E

 EDE3FF

 CEE300

 EFE3FF

 F1E3FF

# Harmonies

## Analogous

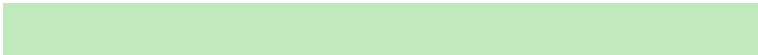
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F9DAAA



DEE3AD



C0EABD

# Triad

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



DEE3AD



9AEAFF



FFCCE7

# Complementary

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



DEE3AD



B2ADE3

# Split Complementary

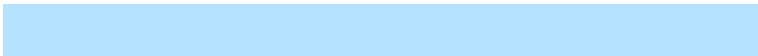
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FAD2FF



DEE3AD



B5E3FF

# Square

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



DEE3AD



94EDF1



D9DAFF



FFCCCC

# Rectangle

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



DEE3AD



ACECCD



D9DAFF



FFCDF0



# Sweetspot

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



DEE3AD



FDF FED



E3B2AD



7F8075



000000



808080



# Same Dimension

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



DEE3AD



F8FFB5



C3E3AD



727367



A2B300



2E3300



# Inverse Universe

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



B2ADE3



BCB5FF



CCADE3



686773



1100B3



050033



# Previews

## White Background



This preview shows how the Hex color DEE3AD looks on a white background.

## Color Contrast Check

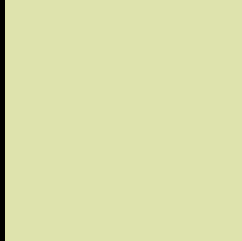
Large Text (above 18pt) WCAG AA × Fail

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 DEE3AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

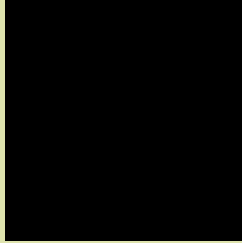
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

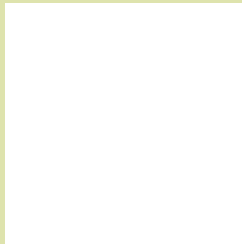
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEE3AD Background



This preview shows how black text looks on a background with the Hex color DEE3AD.

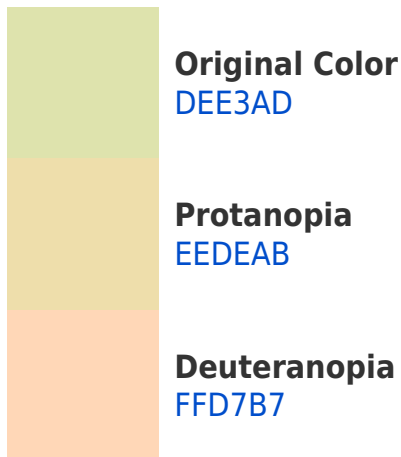


This preview shows how white text looks on a background with the Hex color DEE3AD.

# 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](#).

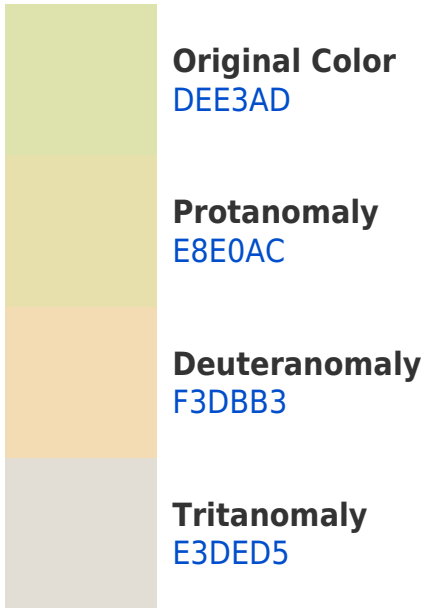
## Dichromacy





**Tritanopia**  
E6DBEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEE3AD 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 #DEE3AD looks like.

```
.text, #text, p{  
    color:#DEE3AD  
}
```

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 #DEE3AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE3AD
}
```

## Border

The CSS property to change the border of an element to Hex DEE3AD 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
#DEE3AD }
```

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

```
.border{ border-color:#DEE3AD }
```

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

Here you see how a box with a 4 pixel #DEE3AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE3AD; -webkit-box-shadow:4px 4px  
4px 4px #DEE3AD; box-shadow:4px 4px 4px  
4px #DEE3AD }
```

# Background

The CSS property to change the background color of an element to Hex DEE3AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE3AD }
```

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

```
.background{ background-color:#DEE3AD }
```

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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