

# Converting Colors

Hex(E6DCAF)

Have a look what the booklet for  
Hex(E6DCAF) contains.

<b>Hex(E6DCAF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E6DCAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6DCAF
RGB	230, 220, 175
RGB Percent	90%, 86%, 69%
CMY	0.0980, 0.1373, 0.3137
CMYK	0.00, 0.04, 0.24, 0.10
HSL	49°, 52%, 79%
HSV	49°, 24%, 90%
XYZ	65.9642, 71.1045, 50.8053
YIQ	217.8600, 20.4050, -11.8750

# Conversions

## Conversions Part 2

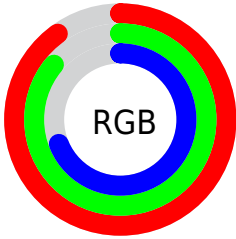
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 230, 175
Decimal	15129775
CIELab	87.54, -3.59, 23.39
CIELCh	88, 23.660, 98.731
Yxy	71.1045, 0.3511, 0.3785
Android (android.graphics.Color)	4293319855 (0xFFE6DCAF)
YUV	217.8600, -21.1300, 10.6468
Hunter-Lab	84.3235, -7.9300, 23.3040

# Details

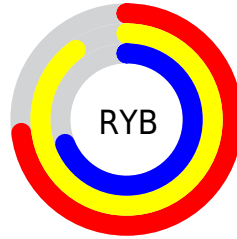
The Hex color **E6DCAF** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AFB9E6**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFE7**, and **AEA57A** is the 20% darker color. If you saturate the color by 10%, you get **E6D898**, and if you desaturate by 10%, it is **E6E0C6**.

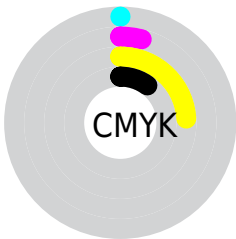
# Distribution



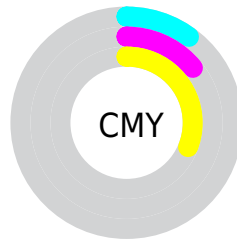
- Red (90%)
- Green (86%)
- Blue (69%)



- Red (73%)
- Yellow (90%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6DCAF 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 E6DCAF by changing the saturation by 10% instead.



 E6DCAF

FFFFFF

 FFFFE7

 E6DCAF

 CAC094

 AEA57A

 938B61

 797149

 5F5932

 47421C

 302C04

 1A1700

 000000

 E6DCAF

 E6DCAF

 E6D898

 E6E0C6

 E6D481

 E6E4DD

 E6CF6A

 E6E9F4

 E6CB53

 E6EDFF

 E6C73C

 E6F1FF

 E6C325

 E6F5FF

 E6BF0E

 E6F9FF

 E6BC00

 E6FDFF

 E6FFFF

# Harmonies

## Analogous

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



FBD5B2



E6DCAF



CDE3B8

# Triad

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



E6DCAF



9FE7F7



FECEEC

# Complementary

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



E6DCAF



AFB9E6

# Split Complementary

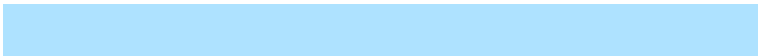
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E8D3FF



E6DCAF



AEE2FF

# Square

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



E6DCAF



A2E8E1



CADBFF



FFCCD5

# Rectangle

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



E6DCAF



BCE6C3



CADBFF



F8CFF3



# Sweetspot

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



E6DCAF



FFFCED



E6AFB9



807E75



000000



808080



# Same Dimension

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



E6DCAF



FFF2B5



D5E6AF



737167



B39200



332A00



# Inverse Universe

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



AFB9E6



B5C2FF



C0AFE6



676973



0020B3

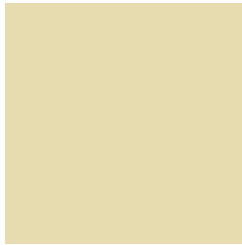


000933



# Previews

## White Background



This preview shows how the Hex color E6DCAF looks on a white background.

## Color Contrast Check

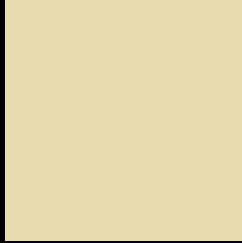
Large Text (above 18pt) WCAG AA × Fail

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 E6DCAF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

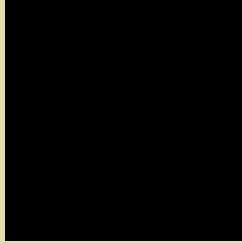
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

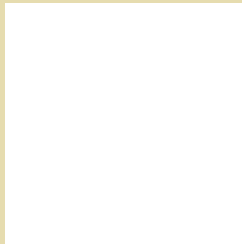
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6DCAF Background



This preview shows how black text looks on a background with the Hex color E6DCAF.

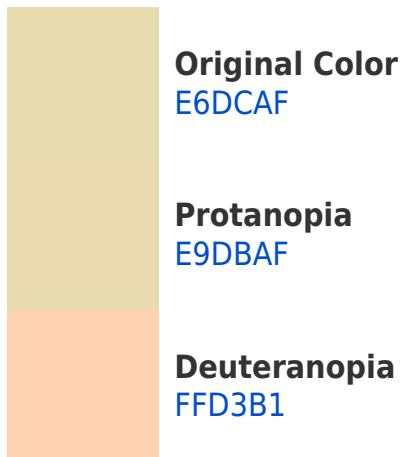


This preview shows how white text looks on a background with the Hex color E6DCAF.

# 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](#).

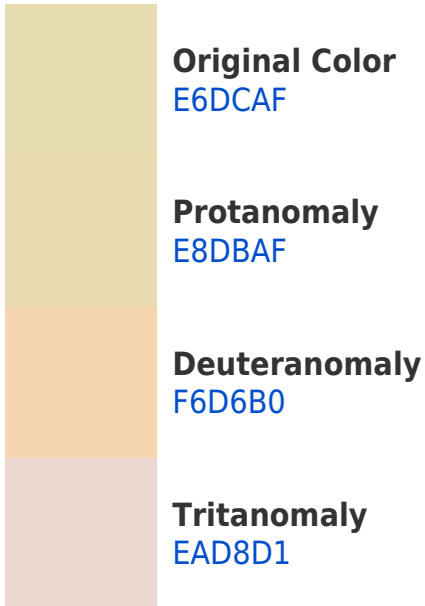
## Dichromacy





**Tritanopia**  
EDD5E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6DCAF 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 #E6DCAF looks like.

```
.text, #text, p{  
    color:#E6DCAF  
}
```

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 #E6DCAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6DCAF
}
```

## Border

The CSS property to change the border of an element to Hex E6DCAF 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
#E6DCAF }
```

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

```
.border{ border-color:#E6DCAF }
```

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

Here you see how a box with a 4 pixel #E6DCAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6DCAF; -webkit-box-shadow:4px 4px  
4px 4px #E6DCAF; box-shadow:4px 4px 4px  
4px #E6DCAF }
```

# Background

The CSS property to change the background color of an element to Hex E6DCAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6DCAF }
```

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

```
.background{ background-color:#E6DCAF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor