

# Converting Colors

Hex(E0DAA6)

Have a look what the booklet for  
Hex(E0DAA6) contains.

<b>Hex(E0DAA6)</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(E0DAA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0DAA6
RGB	224, 218, 166
RGB Percent	88%, 85%, 65%
CMY	0.1216, 0.1451, 0.3490
CMYK	0.00, 0.03, 0.26, 0.12
HSL	54°, 48%, 76%
HSV	54°, 26%, 88%
XYZ	62.6948, 68.7433, 46.0408
YIQ	213.8660, 20.2680, -14.9000

# Conversions

## Conversions Part 2

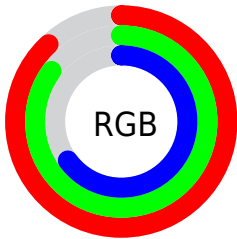
Format	Color
<a href="#">RYB</a>	<a href="#">173, 224, 166</a>
Decimal	<a href="#">14736038</a>
CIELab	<a href="#">86.38, -6.03, 26.40</a>
CIELCh	<a href="#">86, 27.077, 102.875</a>
Yxy	<a href="#">68.7433, 0.3533, 0.3873</a>
Android (android.graphics.Color)	<a href="#">4292926118 (0xFFE0DAA6)</a>
YUV	<a href="#">213.8660, -23.5979, 8.8875</a>
Hunter-Lab	<a href="#">82.9116, -10.1198, 25.1144</a>

# Details

The Hex color **E0DAA6** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A6ACE0**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFDD**, and **A8A372** is the 20% darker color. If you saturate the color by 10%, you get **E0D890**, and if you desaturate by 10%, it is **E0DCBC**.

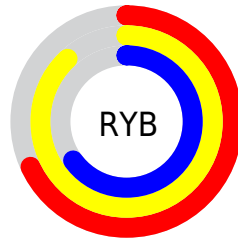
# Distribution



Red (88%)

Green (85%)

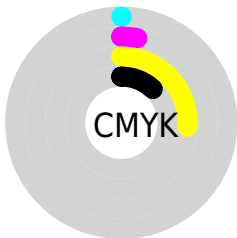
Blue (65%)



Red (68%)

Yellow (88%)

Blue (65%)

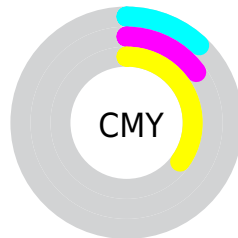


Cyan (0%)

Magenta (3%)

Yellow (26%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0DAA6 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 E0DAA6 by changing the saturation by 10% instead.



 E0DAA6

 E0DAA6

FFFFFF

 C4BE8B

 FFFFDD

 A8A372

 FFFFFA

 8D8959

 737041

 5A572A

 424014

 2B2A00

 121600

 000000

 E0DAA6

 E0DAA6

 E0D890

 E0DCBC

 E0D579

 E0DFD3

 E0D363

 E0E1E9

 E0D14C

 E0E3FF

 E0CE36

 E0E6FF

 E0CC20

 E0E8FF

 E0CA09

 E0EAFF

 E0C900

 E0EDFF

 E0EFFF

# Harmonies

## Analogous

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



F9D1A8



E0DAA6



C3E1B2

# Triad

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



E0DAA6



91E5FA



FFC7E8

# Complementary

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



E0DAA6



A6ACE0

# Split Complementary

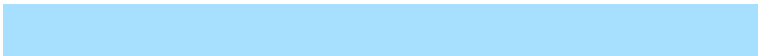
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EACEFE



E0DAA6



A7DFFF

# Square

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



E0DAA6



93E7E3



C9D7FF



FFC6CE

# Rectangle

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



E0DAA6



B0E4C0



C9D7FF



FCC9F0



# Sweetspot

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



E0DAA6



FFFDEB



E0A6AD



807E73



000000



808080



# Same Dimension

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



E0DAA6



FFF7B0



CAE0A6



706F65



B09E00



302B00



# Inverse Universe

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



A6ACE0



B0B8FF



BCA6E0



656670



0012B0

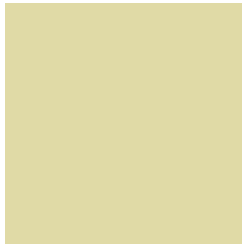


000530



# Previews

## White Background



This preview shows how the Hex color E0DAA6 looks on a white background.

## Color Contrast Check

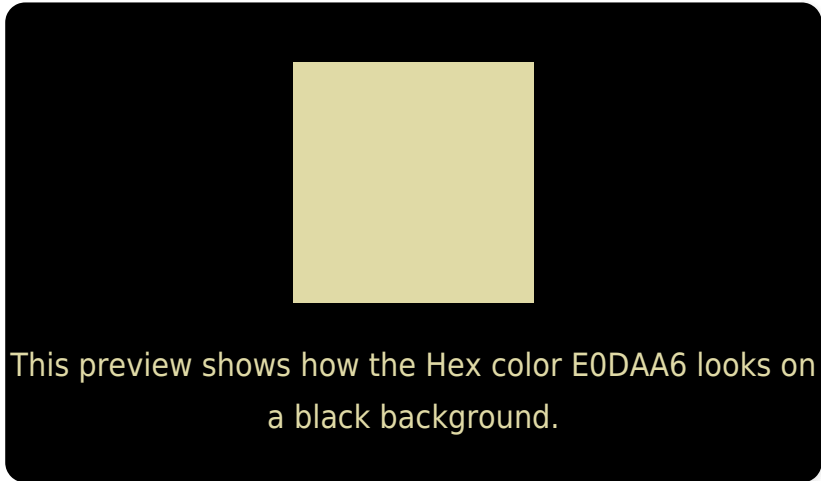
Large Text (above 18pt) WCAG AA × Fail

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

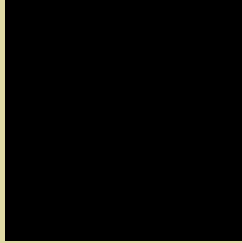
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

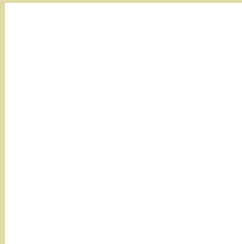
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0DAA6 Background



This preview shows how black text looks on a background with the Hex color E0DAA6.

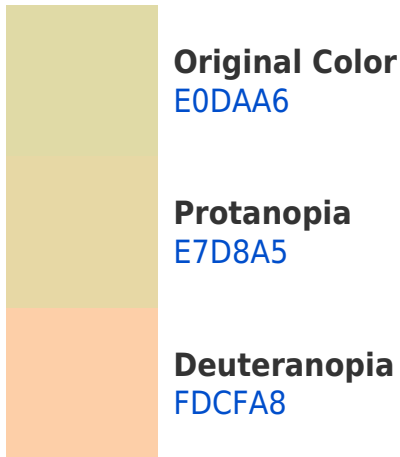


This preview shows how white text looks on a background with the Hex color E0DAA6.

# 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](#).

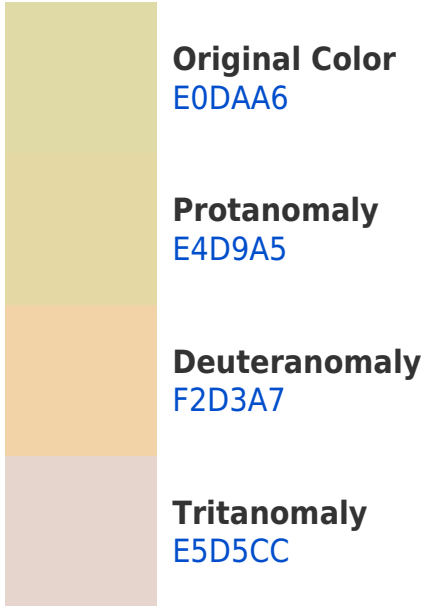
## Dichromacy



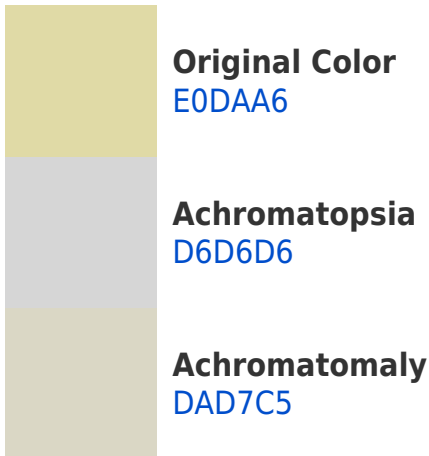


**Tritanopia**  
E8D2E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0DAA6 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 #E0DAA6 looks like.

```
.text, #text, p{  
    color:#E0DAA6  
}
```

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 #E0DAA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0DAA6
}
```

## Border

The CSS property to change the border of an element to Hex E0DAA6 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
#E0DAA6 }
```

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

```
.border{ border-color:#E0DAA6 }
```

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

Here you see how a box with a 4 pixel #E0DAA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0DAA6; -webkit-box-shadow:4px 4px  
4px 4px #E0DAA6; box-shadow:4px 4px 4px  
4px #E0DAA6 }
```

# Background

The CSS property to change the background color of an element to Hex E0DAA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0DAA6 }
```

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

```
.background{ background-color:#E0DAA6 }
```

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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