

# Converting Colors

Hex(E2D8AC)

Have a look what the booklet for  
Hex(E2D8AC) contains.

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# **Color**

**Hex(E2D8AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2D8AC
RGB	226, 216, 172
RGB Percent	89%, 85%, 67%
CMY	0.1137, 0.1529, 0.3255
CMYK	0.00, 0.04, 0.24, 0.11
HSL	49°, 48%, 78%
HSV	49°, 24%, 89%
XYZ	63.3663, 68.2590, 48.8653
YIQ	213.9740, 20.0840, -11.5640

# Conversions

## Conversions Part 2

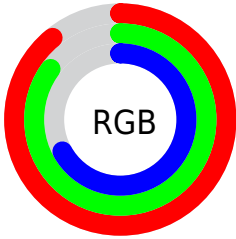
Format	Color
<a href="#">RYB</a>	<a href="#">184, 226, 172</a>
Decimal	<a href="#">14866604</a>
CIELab	<a href="#">86.14, -3.45, 22.97</a>
CIELCh	<a href="#">86, 23.229, 98.533</a>
Yxy	<a href="#">68.2590, 0.3511, 0.3782</a>
Android (android.graphics.Color)	<a href="#">4293056684 (0xFFE2D8AC)</a>
YUV	<a href="#">213.9740, -20.6932, 10.5468</a>
Hunter-Lab	<a href="#">82.6190, -7.6792, 22.7661</a>

# Details

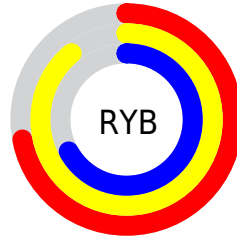
The Hex color **E2D8AC** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **ACB6E2**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFE4**, and **AAA177** is the 20% darker color. If you saturate the color by 10%, you get **E2D495**, and if you desaturate by 10%, it is **E2DCC3**.

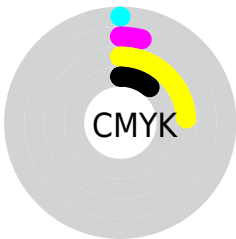
# Distribution



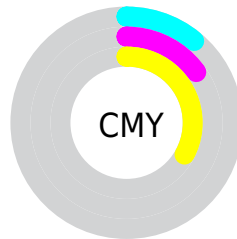
- Red (89%)
- Green (85%)
- Blue (67%)



- Red (72%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2D8AC 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 E2D8AC by changing the saturation by 10% instead.



 E2D8AC

FFFFFF

 FFFFE4

 E2D8AC

 C6BC91

 AAA177

 8F875F

 756E47

 5C5630

 443E1A

 2D2901

 151500

 000000

 E2D8AC

 E2D8AC

 E2D495

 E2DCC3

 E2D07F

 E2E0D9

 E2CB68

 E2E5F0

 E2C752

 E2E9FF

 E2C33B

 E2EDFF

 E2BF24

 E2F1FF

 E2BB0E

 E2F5FF

 E2B800

 E2F9FF

 E2FEFF

# Harmonies

## Analogous

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



F7D1AF



E2D8AC



C9DEB5

# Triad

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



E2D8AC



9CE3F2



F9CAE8

# Complementary

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



E2D8AC



ACB6E2

# Split Complementary

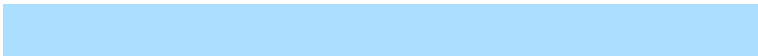
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E3D0FA



E2D8AC



ABDEFF

# Square

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



E2D8AC



9FE4DD



C6D7FF



FFC8D2

# Rectangle

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



E2D8AC



B9E2C0



C6D7FF



F3CCEF

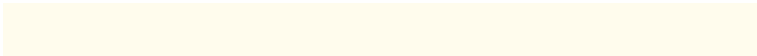


# Sweetspot

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



E2D8AC



FFFCED



E2ACB7



807E75



000000



808080



# Same Dimension

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



E2D8AC



FFF1B5



D2E2AC



706E65



B08F00



302700



# Inverse Universe

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



ACB6E2



B5C3FF



BCACE2



656770



0021B0

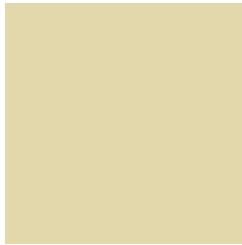


000930



# Previews

## White Background



This preview shows how the Hex color E2D8AC looks on a white background.

## Color Contrast Check

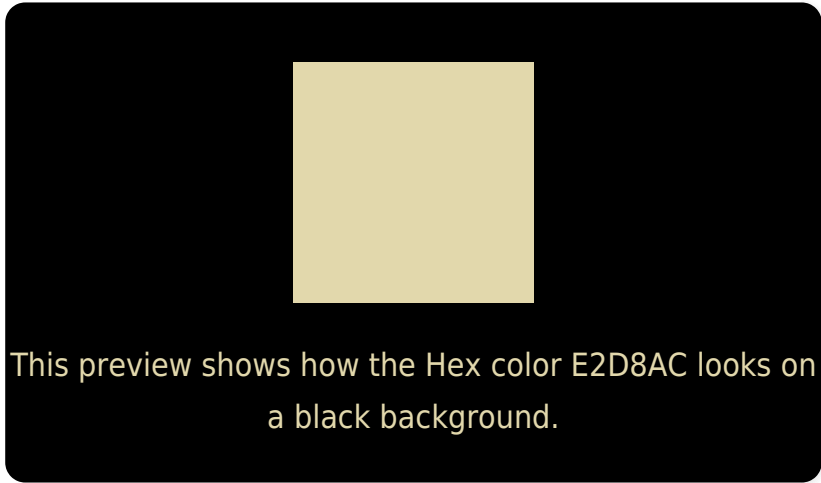
Large Text (above 18pt) WCAG AA × Fail

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

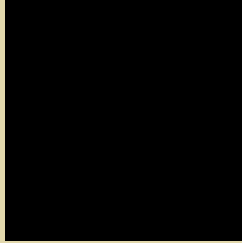
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

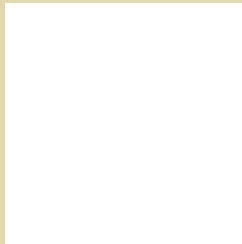
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E2D8AC Background



This preview shows how black text looks on a background with the Hex color E2D8AC.

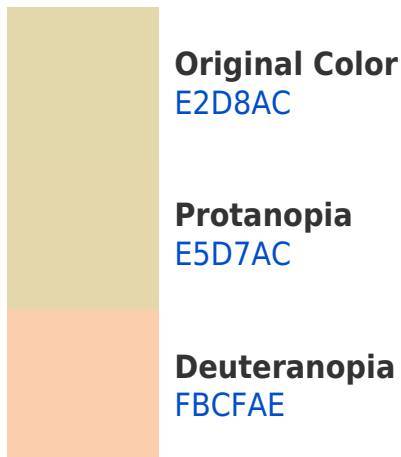


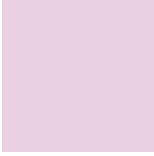
This preview shows how white text looks on a background with the Hex color E2D8AC.

# 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](#).

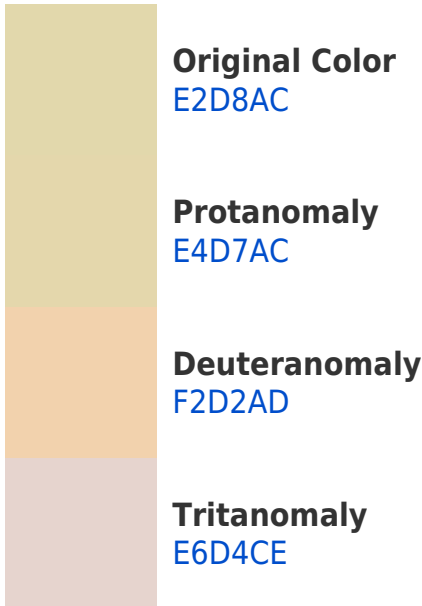
## Dichromacy



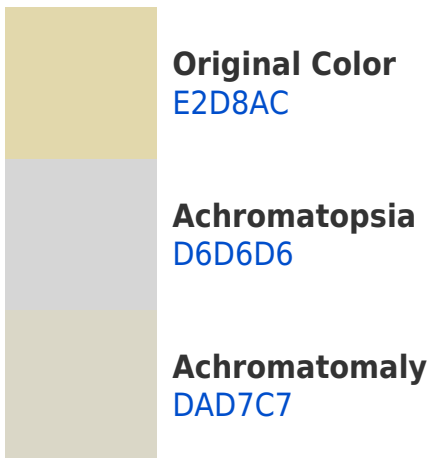


**Tritanopia**  
E9D1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2D8AC 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 #E2D8AC looks like.

```
.text, #text, p{  
    color:#E2D8AC  
}
```

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 #E2D8AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2D8AC
}
```

## Border

The CSS property to change the border of an element to Hex E2D8AC 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
#E2D8AC }
```

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

```
.border{ border-color:#E2D8AC }
```

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

Here you see how a box with a 4 pixel #E2D8AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2D8AC; -webkit-box-shadow:4px 4px  
4px 4px #E2D8AC; box-shadow:4px 4px 4px  
4px #E2D8AC }
```

# Background

The CSS property to change the background color of an element to Hex E2D8AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2D8AC }
```

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

```
.background{ background-color:#E2D8AC }
```

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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