

# Converting Colors

Hex(E4D5A8)

Have a look what the booklet for  
Hex(E4D5A8) contains.

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# **Color**

**Hex(E4D5A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4D5A8
RGB	228, 213, 168
RGB Percent	89%, 84%, 66%
CMY	0.1059, 0.1647, 0.3412
CMYK	0.00, 0.07, 0.26, 0.11
HSL	45°, 53%, 78%
HSV	45°, 26%, 89%
XYZ	62.8570, 66.9096, 46.6477
YIQ	212.3550, 23.3850, -10.8150

# Conversions

## Conversions Part 2

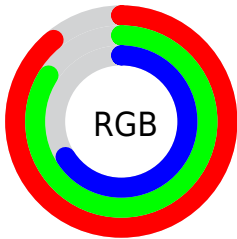
Format	Color
<a href="#">RYB</a>	<a href="#">188, 228, 168</a>
Decimal	<a href="#">14996904</a>
CIELab	<a href="#">85.46, -1.70, 24.16</a>
CIELCh	<a href="#">85, 24.216, 94.024</a>
Yxy	<a href="#">66.9096, 0.3563, 0.3793</a>
Android (android.graphics.Color)	<a href="#">4293186984 (0xFFE4D5A8)</a>
YUV	<a href="#">212.3550, -21.8670, 13.7207</a>
Hunter-Lab	<a href="#">81.7983, -5.9806, 23.4471</a>

# Details

The Hex color **E4D5A8** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A8B7E4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFDF**, and **AC9E74** is the 20% darker color. If you saturate the color by 10%, you get **E4CF91**, and if you desaturate by 10%, it is **E4DBBF**.

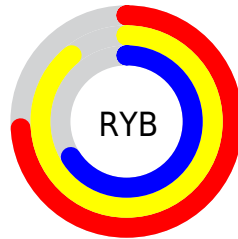
# Distribution



Red (89%)

Green (84%)

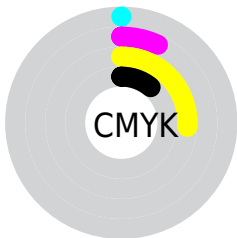
Blue (66%)



Red (74%)

Yellow (89%)

Blue (66%)

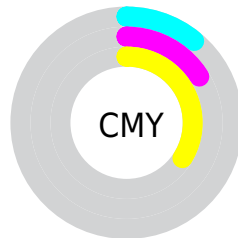


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4D5A8 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 E4D5A8 by changing the saturation by 10% instead.



 E4D5A8

 E4D5A8

FFFFFF

 C8B98D

 FFFFDf

 AC9E74

 FFFFfC

 91845B

 776B43

 5D532C

 453C16

 2E2600

 161200

 000000

 E4D5A8

 E4D5A8

 E4CF91

 E4DBBF

 E4CA7A

 E4E0D6

 E4C464

 E4E6EC

 E4BE4D

 E4ECFF

 E4B936

 E4F2FF

 E4B31F

 E4F7FF

 E4AD08

 E4FDFF

 E4AB00

 E4FFFF

# Harmonies

## Analogous

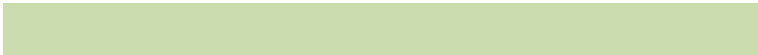
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F8CDAD



E4D5A8



CBDCAF

# Triad

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



E4D5A8



96E2EE



F6C8EA

# Complementary

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



E4D5A8



A8B7E4

# Split Complementary

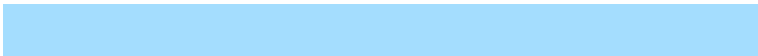
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DDCFFB



E4D5A8



A4DDFE

# Square

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



E4D5A8



9DE3D8



BFD7FF



FFC5D3

# Rectangle

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



E4D5A8



B9DFBA



BFD7FF



EFCAF1



# Sweetspot

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



E4D5A8



FFFAEB



E4A8B7



807C73



000000



808080



# Same Dimension

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



E4D5A8



FFEBA8



D5E4A8



737067



B38600



332600



# Inverse Universe

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



A8B7E4



ADC2FF



B7A8E4



676A73



002DB3



000D33



# Previews

## White Background



This preview shows how the Hex color E4D5A8 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 E4D5A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

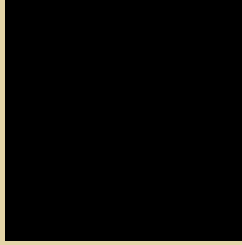
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E4D5A8 Background



This preview shows how black text looks on a background with the Hex color E4D5A8.

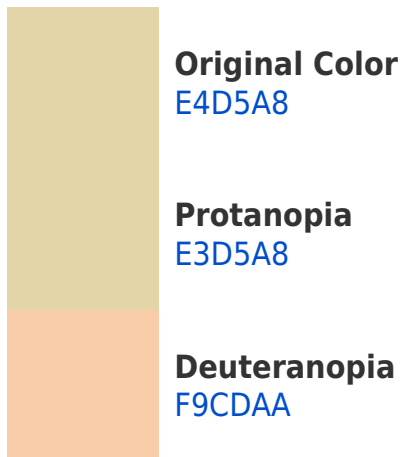


This preview shows how white text looks on a background with the Hex color E4D5A8.

# Color Blindness Simulation

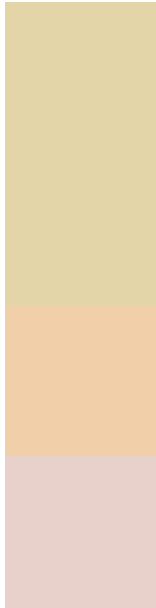
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



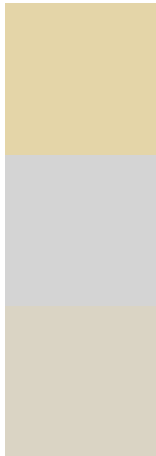
**Original Color**  
E4D5A8

**Protanomaly**  
E3D5A8

**Deuteranomaly**  
F1D0A9

**Tritanomaly**  
E8D1CA

# Monochromacy



**Original Color**  
E4D5A8

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
DAD4C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4D5A8 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 #E4D5A8 looks like.

```
.text, #text, p{  
    color:#E4D5A8  
}
```

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 #E4D5A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4D5A8
}
```

## Border

The CSS property to change the border of an element to Hex E4D5A8 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
#E4D5A8 }
```

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

```
.border{ border-color:#E4D5A8 }
```

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

Here you see how a box with a 4 pixel #E4D5A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4D5A8; -webkit-box-shadow:4px 4px  
4px 4px #E4D5A8; box-shadow:4px 4px 4px  
4px #E4D5A8 }
```

# Background

The CSS property to change the background color of an element to Hex E4D5A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4D5A8 }
```

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

```
.background{ background-color:#E4D5A8 }
```

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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