

# Converting Colors

Hex(E4BC8D)

Have a look what the booklet for  
Hex(E4BC8D) contains.

<b>Hex(E4BC8D)</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(E4BC8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4BC8D
RGB	228, 188, 141
RGB Percent	89%, 74%, 55%
CMY	0.1059, 0.2627, 0.4471
CMYK	0.00, 0.18, 0.38, 0.11
HSL	32°, 62%, 72%
HSV	32°, 38%, 89%
XYZ	54.7858, 54.3835, 32.8088
YIQ	194.6020, 38.9270, -6.1370

# Conversions

## Conversions Part 2

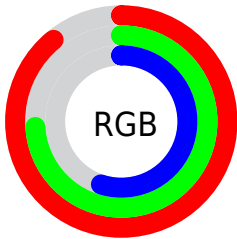
Format	Color
R <sub>Y</sub> B	215, 228, 141
Decimal	14990477
CIE Lab	78.68, 7.99, 29.17
CIE LCh	79, 30.242, 74.679
Yxy	54.3835, 0.3859, 0.3830
Android (android.graphics.Color)	4293180557 (0xFFE4BC8D)
YUV	194.6020, -26.4258, 29.2900
Hunter-Lab	73.7452, 3.5549, 25.2438

# Details

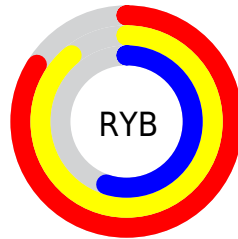
The Hex color **E4BC8D** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8DB5E4**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF4C3**, and **AB875A** is the 20% darker color. If you saturate the color by 10%, you get **E4B276**, and if you desaturate by 10%, it is **E4C6A4**.

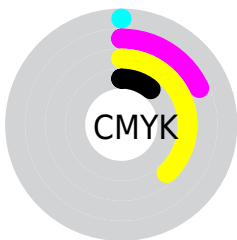
# Distribution



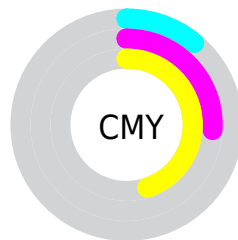
- Red (89%)
- Green (74%)
- Blue (55%)



- Red (84%)
- Yellow (89%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4BC8D 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 E4BC8D by changing the saturation by 10% instead.



 E4BC8D

 E4BC8D

FFFFFF

 C7A173

 FFF4C3

 AB875A

 FFFFDF

 906E42

 FFFFFC

 75552B

 5B3E15

 422800

 291400

 060000

 000000

 E4BC8D

 E4BC8D

 E4B276

 E4C6A4

 E4A75F

 E4D1BB

 E49D49

 E4DBD1

 E49232

 E4E6E8

 E4881B

 E4F0FF

 E47D04

 E4FBFF

 E47B00

 E4FFFF

# Harmonies

## Analogous

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



F6B39C



E4BC8D



C9C58C

# Triad

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



E4BC8D



71D2D0



D8B7EB

# Complementary

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



E4BC8D



8DB5E4

# 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.



B3C1F9



E4BC8D



70D0E9

# Square

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



E4BC8D



89D1B3



8BCAF8



F1B0D2

# Rectangle

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



E4BC8D



B4CB94



8BCAF8



CDBAF1



# Sweetspot

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



E4BC8D



FFF2E3



E48DB6



80786F



000000



808080



# Same Dimension

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



E4BC8D



FFC98A



E1E48D



736D67



B36000



331C00

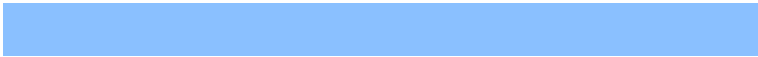


# Inverse Universe

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



8DB5E4



8AC0FF



908DE4



676D73



0052B3

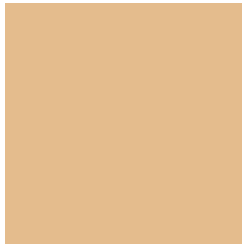


001733



# Previews

## White Background



This preview shows how the Hex color E4BC8D 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 E4BC8D 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 E4BC8D Background



This preview shows how black text looks on a background with the Hex color E4BC8D.

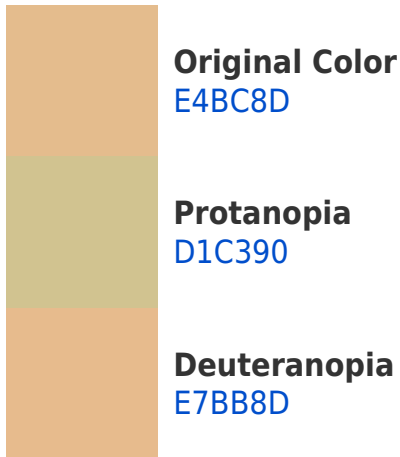


This preview shows how white text looks on a background with the Hex color E4BC8D.

# 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



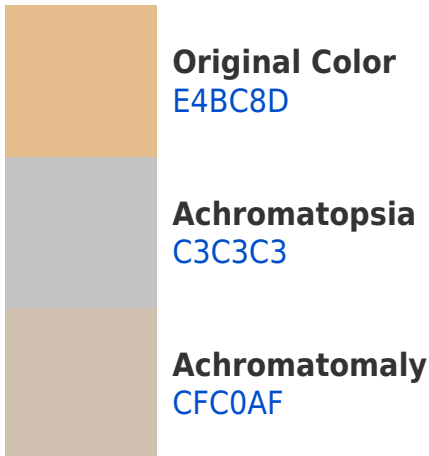


**Tritanopia**  
EAB5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4BC8D 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 #E4BC8D looks like.

```
.text, #text, p{  
    color:#E4BC8D  
}
```

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 #E4BC8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4BC8D } }
```

## Border

The CSS property to change the border of an element to Hex E4BC8D 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 #E4BC8D } }
```

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

```
.border{ border-color:#E4BC8D }
```

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

Here you see how a box with a 4 pixel #E4BC8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4BC8D; -webkit-box-shadow:4px 4px  
4px 4px #E4BC8D; box-shadow:4px 4px 4px  
4px #E4BC8D }
```

# Background

The CSS property to change the background color of an element to Hex E4BC8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4BC8D }
```

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

```
.background{ background-color:#E4BC8D }
```

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