

# Converting Colors

Hex(EBC49A)

Have a look what the booklet for  
Hex(EBC49A) contains.

<b>Hex(EBC49A)</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(EBC49A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBC49A
RGB	235, 196, 154
RGB Percent	92%, 77%, 60%
CMY	0.0784, 0.2314, 0.3961
CMYK	0.00, 0.17, 0.34, 0.08
HSL	31°, 67%, 76%
HSV	31°, 34%, 92%
XYZ	59.8336, 59.4751, 38.8981
YIQ	202.8730, 36.7260, -4.7940

# Conversions

## Conversions Part 2

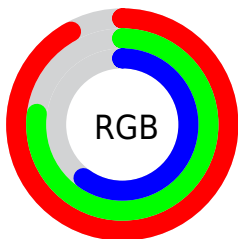
Format	Color
R <sub>Y</sub> B	229, 235, 154
Decimal	15451290
CIE Lab	81.55, 8.04, 26.28
CIE LCh	82, 27.483, 72.994
Yxy	59.4751, 0.3782, 0.3759
Android (android.graphics.Color)	4293641370 (0xFFEBC49A)
YUV	202.8730, -24.0944, 28.1754
Hunter-Lab	77.1201, 3.5290, 24.0792

# Details

The Hex color **EBC49A** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9AC1EB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFDD1**, and **B28E67** is the 20% darker color. If you saturate the color by 10%, you get **EBB983**, and if you desaturate by 10%, it is **EBCFB2**.

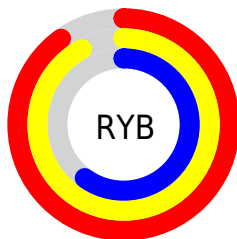
# Distribution



Red (92%)

Green (77%)

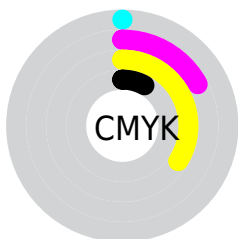
Blue (60%)



Red (90%)

Yellow (92%)

Blue (60%)

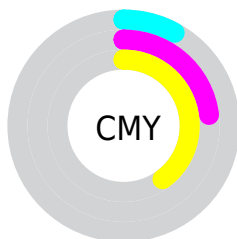


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (8%)



Cyan (8%)

Magenta (23%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBC49A 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 EBC49A by changing the saturation by 10% instead.



 EBC49A

 EBC49A

FFFFFF

 CEA980

 FFFDD1

 B28E67

 FFFFED

 96754E

 7C5C37

 614521

 482E0B

 301A00

 180000

 000000

 EBC49A

 EBC49A

 EBB983

 EBCFB2

 EBAD6B

 EBDBC9

 EBA254

 EBE6E1

 EB973C

 EBF1F8

 EB8B25

 EBFDFE

 EB800D

 EBFFFF

 EB7A00

# Harmonies

## Analogous

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



FBBCA9



EBC49A



D2CD98

# Triad

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



EBC49A



84D9D5



DDC0F0

# Complementary

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



EBC49A



9AC1EB

# 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.



BBC9FC



EBC49A



82D7ED

# Square

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



EBC49A



99D8BB



98D1FB



F5BADA

# Rectangle

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



EBC49A



BFD29F



98D1FB



D2C3F6

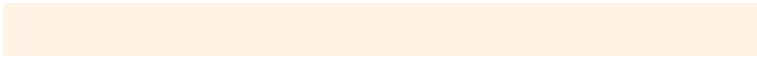


# Sweetspot

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



EBC49A



FFF3E6



EB9AC1



807870



000000



808080



# Same Dimension

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



EBC49A



FFCD96



EAEB9A



75706A



B55E00



361C00

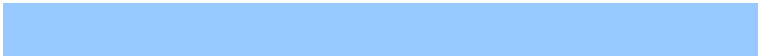


# Inverse Universe

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



9AC1EB



96C9FF



9B9AEB



6A6F75



0057B5



001A36



# Previews

## White Background



This preview shows how the Hex color EBC49A looks on a white background.

## Color Contrast Check

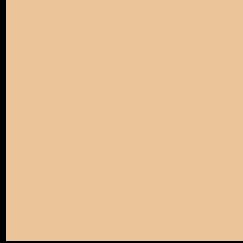
Large Text (above 18pt) WCAG AA × Fail

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 EBC49A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

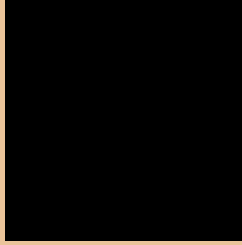
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EBC49A Background



This preview shows how black text looks on a background with the Hex color EBC49A.

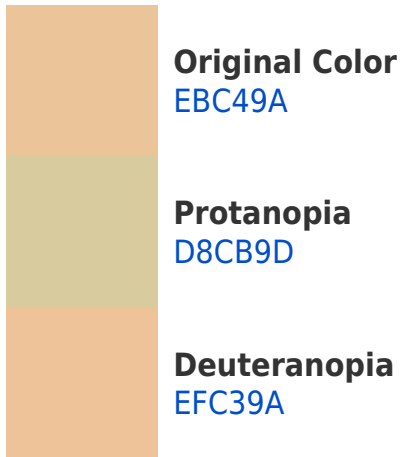


This preview shows how white text looks on a background with the Hex color EBC49A.

# Color Blindness Simulation

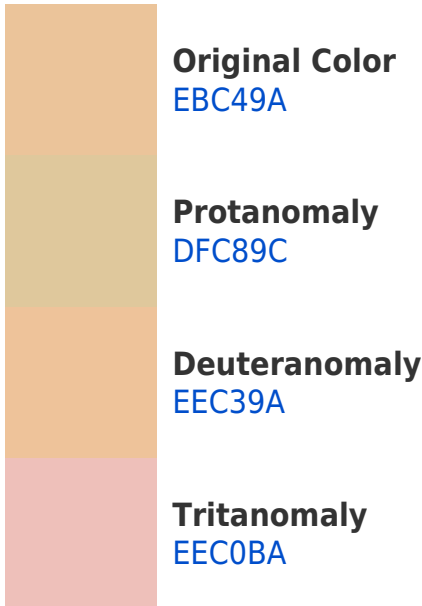
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

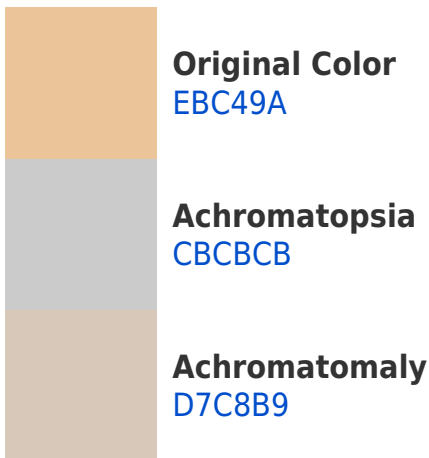




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBC49A 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 #EBC49A looks like.

```
.text, #text, p{  
    color:#EBC49A  
}
```

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 #EBC49A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBC49A
}
```

## Border

The CSS property to change the border of an element to Hex EBC49A 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
#EBC49A }
```

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

```
.border{ border-color:#EBC49A }
```

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

Here you see how a box with a 4 pixel #EBC49A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBC49A; -webkit-box-shadow:4px 4px  
4px 4px #EBC49A; box-shadow:4px 4px 4px  
4px #EBC49A }
```

# Background

The CSS property to change the background color of an element to Hex EBC49A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBC49A }
```

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

```
.background{ background-color:#EBC49A }
```

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