

# Converting Colors

Hex(E5C886)

Have a look what the booklet for  
Hex(E5C886) contains.

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# **Color**

**Hex(E5C886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5C886
RGB	229, 200, 134
RGB Percent	90%, 78%, 53%
CMY	0.1020, 0.2157, 0.4745
CMYK	0.00, 0.13, 0.41, 0.10
HSL	42°, 65%, 71%
HSV	42°, 41%, 90%
XYZ	57.2705, 59.6878, 31.0567
YIQ	201.1470, 38.4700, -14.3780

# Conversions

## Conversions Part 2

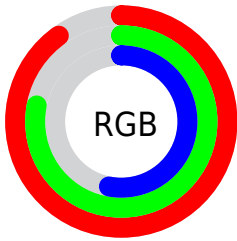
Format	Color
<b>RYB</b>	176, 229, 134
Decimal	15059078
CIELab	81.67, 1.33, 36.74
CIElCh	82, 36.765, 87.928
Yxy	59.6878, 0.3869, 0.4033
Android (android.graphics.Color)	4293249158 (0xFFE5C886)
YUV	201.1470, -33.1035, 24.4271
Hunter-Lab	77.2579, -2.8811, 30.2467

# Details

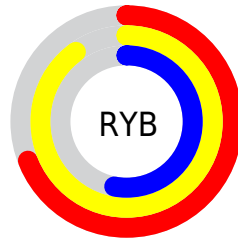
The Hex color **E5C886** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86A3E5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFBC**, and **AC9253** is the 20% darker color. If you saturate the color by 10%, you get **E5C16F**, and if you desaturate by 10%, it is **E5CF9D**.

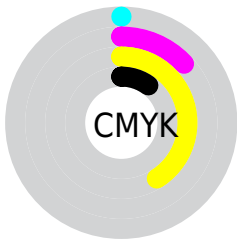
# Distribution



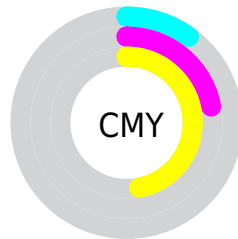
- Red (90%)
- Green (78%)
- Blue (53%)



- Red (69%)
- Yellow (90%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (41%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5C886 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 E5C886 by changing the saturation by 10% instead.



 E5C886

 E5C886

FFFFFF

 C8AD6C

 FFFFBC

 AC9253

 FFFFD8

 90793B

 FFFFF5

 756023

 5B480A

 423200

 291D00

 0D0500

 000000

 E5C886

 E5C886

 E5C16F

 E5CF9D

 E5BA58

 E5D6B4

 E5B341

 E5DDCB

 E5AC2A

 E5E4E2

 E5A514

 E5EBF9

 E59F00

 E5F2FF

 E5F9FF

 E5FFFF

# Harmonies

## Analogous

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



FFBC92



E5C886



C1D38D

# Triad

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



E5C886



56DDEA



F5B7F0

# Complementary

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



E5C886



86A3E5

# 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.



CCC3FF



E5C886



68D8FF

# Square

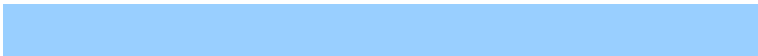
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E5C886



71DEC7



99CFFF



FFB1CF

# Rectangle

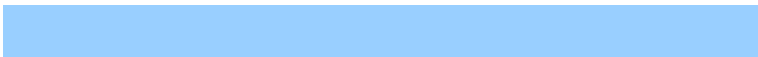
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5C886



A7D89C



99CFFF



E9BBF9

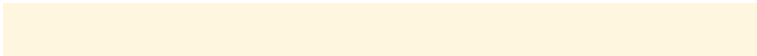


# Sweetspot

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



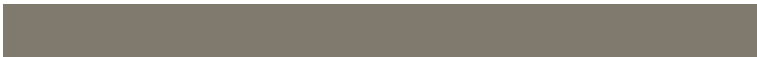
E5C886



FFF6E0



E586A4



807A6E



000000



808080



# Same Dimension

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



E5C886



FFD880



D4E586



736F67



B37C00



332300



# Inverse Universe

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



86A3E5



80A6FF



9786E5



676B73



0036B3

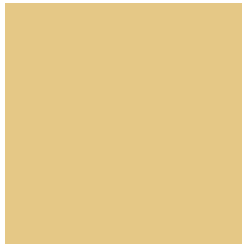


001033



# Previews

## White Background



This preview shows how the Hex color E5C886 looks on a white background.

## Color Contrast Check

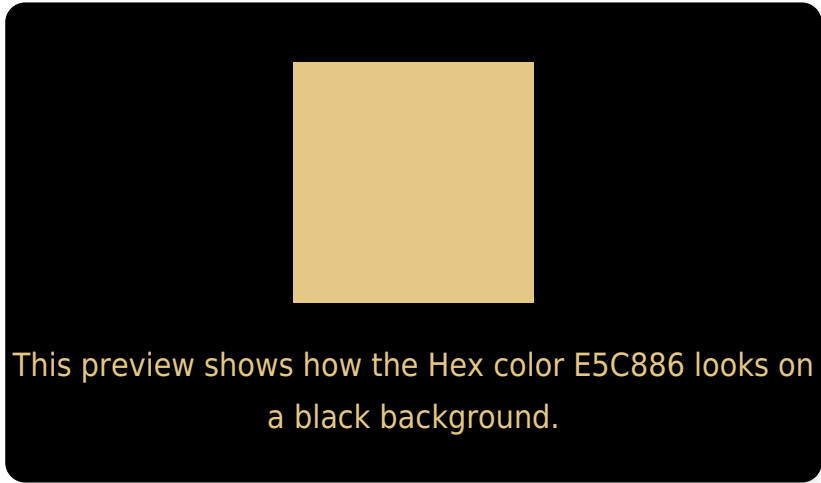
Large Text (above 18pt) WCAG AA × Fail

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

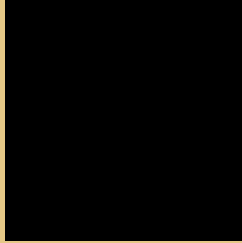
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5C886 Background



This preview shows how black text looks on a background with the Hex color E5C886.

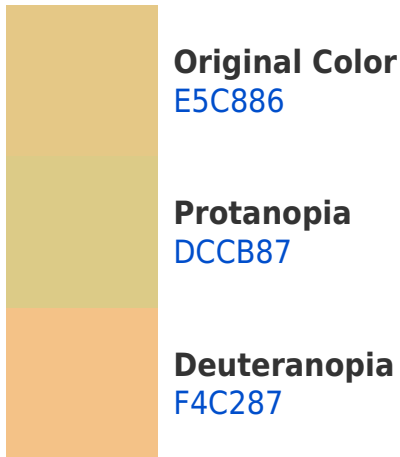


This preview shows how white text looks on a background with the Hex color E5C886.

# Color Blindness Simulation

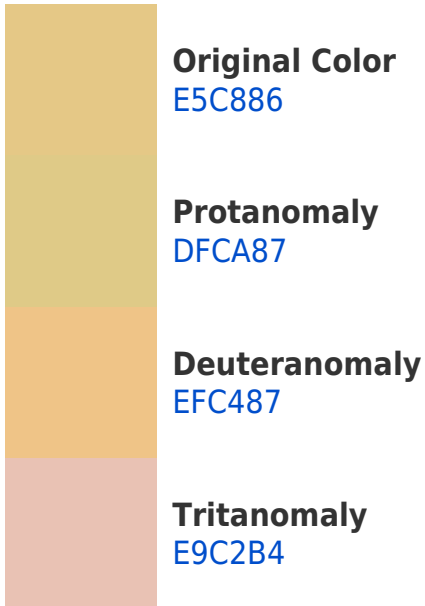
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5C886 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 #E5C886 looks like.

```
.text, #text, p{  
    color:#E5C886  
}
```

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 #E5C886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5C886
}
```

## Border

The CSS property to change the border of an element to Hex E5C886 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
#E5C886 }
```

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

```
.border{ border-color:#E5C886 }
```

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

Here you see how a box with a 4 pixel #E5C886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5C886; -webkit-box-shadow:4px 4px  
4px 4px #E5C886; box-shadow:4px 4px 4px  
4px #E5C886 }
```

# Background

The CSS property to change the background color of an element to Hex E5C886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5C886 }
```

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

```
.background{ background-color:#E5C886 }
```

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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