

# Converting Colors

Hex(E2C89A)

Have a look what the booklet for  
Hex(E2C89A) contains.

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# **Color**

**Hex(E2C89A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E2C89A
RGB	226, 200, 154
RGB Percent	89%, 78%, 60%
CMY	0.1137, 0.2157, 0.3961
CMYK	0.00, 0.12, 0.32, 0.11
HSL	38°, 55%, 75%
HSV	38°, 32%, 89%
XYZ	57.8510, 59.8104, 39.0673
YIQ	202.5300, 30.2620, -8.7940

# Conversions

## Conversions Part 2

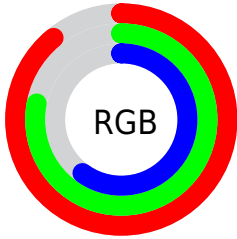
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 226, 154
Decimal	14862490
CIELab	81.74, 2.46, 26.39
CIElCh	82, 26.506, 84.668
Yxy	59.8104, 0.3691, 0.3816
Android (android.graphics.Color)	4293052570 (0xFFE2C89A)
YUV	202.5300, -23.9253, 20.5832
Hunter-Lab	77.3372, -1.8155, 24.1853

# Details

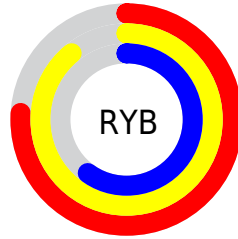
The Hex color **E2C89A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9AB4E2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFD1**, and **AA9267** is the 20% darker color. If you saturate the color by 10%, you get **E2C083**, and if you desaturate by 10%, it is **E2D0B1**.

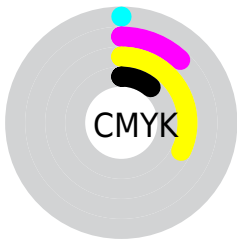
# Distribution



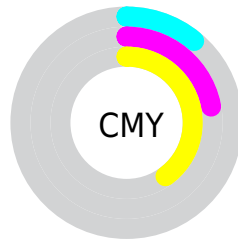
- Red (89%)
- Green (78%)
- Blue (60%)



- Red (76%)
- Yellow (89%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2C89A 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 E2C89A by changing the saturation by 10% instead.



 E2C89A

 E2C89A

FFFFFF

 C6AD80

 FFFFD1

 AA9267

 FFFFED

 8F794E

 746037

 5B4820

 42320A

 2B1D00

 0F0400

 000000

 E2C89A

 E2C89A

 E2C083

 E2D0B1

 E2B86D

 E2D8C7

 E2B056

 E2E0DE

 E2A740

 E2E9F4

 E29F29

 E2F1FF

 E29712

 E2F9FF

 E29000

 E2FFFF

# Harmonies

## Analogous

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



F5C0A4



E2C89A



C8D09E

# Triad

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



E2C89A



84D9DF



E7BEE8

# Complementary

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



E2C89A



9AB4E2

# 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.



C9C6F8



E2C89A



8CD5F3

# Square

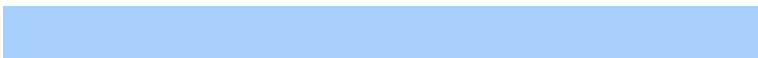
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2C89A



92D9C6



A7CFFC



FABAD1

# Rectangle

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



E2C89A



B5D4A7



A7CFFC



DEC1EF

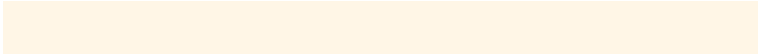


# Sweetspot

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



E2C89A



FFF6E6



E29AB4



807A70



000000



808080



# Same Dimension

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



E2C89A



FFDC9E



D8E29A



706C65



B07000



301F00



# Inverse Universe

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



9AB4E2



9EC1FF



A49AE2



656970



0040B0

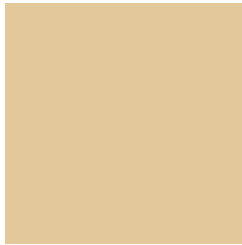


001130



# Previews

## White Background



This preview shows how the Hex color E2C89A 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 E2C89A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

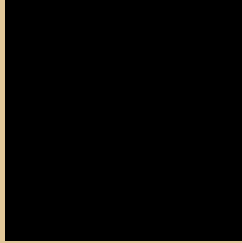
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2C89A Background



This preview shows how black text looks on a background with the Hex color E2C89A.

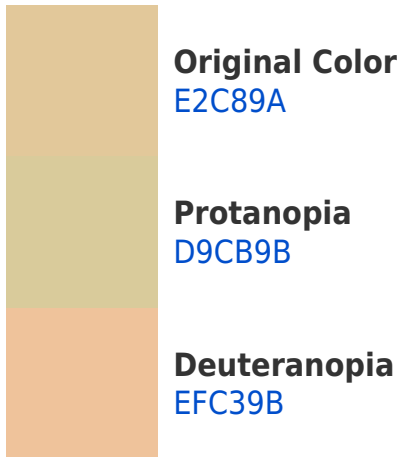


This preview shows how white text looks on a background with the Hex color E2C89A.

# 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](#).

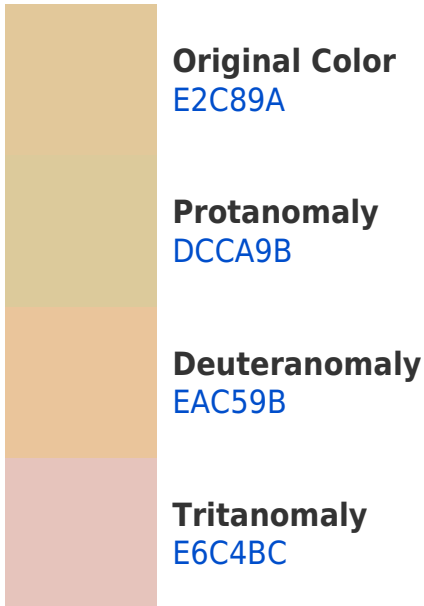
## Dichromacy



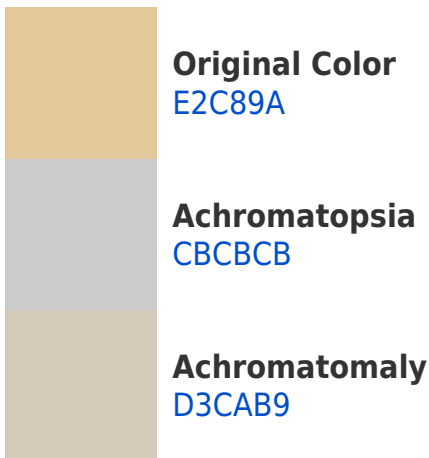


**Tritanopia**  
E8C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2C89A 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 #E2C89A looks like.

```
.text, #text, p{  
    color:#E2C89A  
}
```

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 #E2C89A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2C89A
}
```

## Border

The CSS property to change the border of an element to Hex E2C89A 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
#E2C89A }
```

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

```
.border{ border-color:#E2C89A }
```

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

Here you see how a box with a 4 pixel #E2C89A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2C89A; -webkit-box-shadow:4px 4px  
4px 4px #E2C89A; box-shadow:4px 4px 4px  
4px #E2C89A }
```

# Background

The CSS property to change the background color of an element to Hex E2C89A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2C89A }
```

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

```
.background{ background-color:#E2C89A }
```

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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