

# Converting Colors

Hex(E4C278)

Have a look what the booklet for  
Hex(E4C278) contains.

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# **Color**

**Hex(E4C278)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4C278
RGB	228, 194, 120
RGB Percent	89%, 76%, 47%
CMY	0.1059, 0.2392, 0.5294
CMYK	0.00, 0.15, 0.47, 0.11
HSL	41°, 67%, 68%
HSV	41°, 47%, 89%
XYZ	54.6769, 56.4336, 25.7803
YIQ	195.7300, 44.0180, -15.8060

# Conversions

## Conversions Part 2

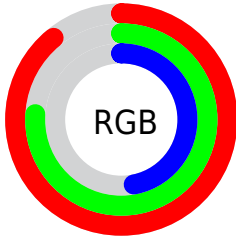
Format	Color
<a href="#">RYB</a>	<a href="#">170, 228, 120</a>
Decimal	<a href="#">14991992</a>
CIELab	<a href="#">79.86, 2.65, 41.55</a>
CIELCh	<a href="#">80, 41.631, 86.351</a>
Yxy	<a href="#">56.4336, 0.3994, 0.4123</a>
Android (android.graphics.Color)	<a href="#">4293182072 (0xFFE4C278)</a>
YUV	<a href="#">195.7300, -37.3349, 28.3008</a>
Hunter-Lab	<a href="#">75.1223, -1.5450, 32.2386</a>

# Details

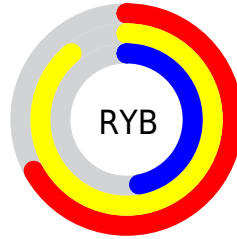
The Hex color **E4C278** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **789AE4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFAAD**, and **AA8D46** is the 20% darker color. If you saturate the color by 10%, you get **E4BB61**, and if you desaturate by 10%, it is **E4C98F**.

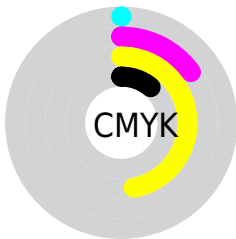
# Distribution



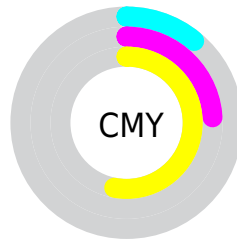
- Red (89%)
- Green (76%)
- Blue (47%)



- Red (67%)
- Yellow (89%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (47%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4C278 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 E4C278 by changing the saturation by 10% instead.



 E4C278

 E4C278

FFFFFF

 C7A75E

 FFFAAD

 AA8D46

 FFFFC9

 8F732D

 FFFFEE

 735B14

 594400

 3F2E00

 261900

 050000

 000000

 E4C278

 E4C278

 E4BB61

 E4C98F

 E4B44A

 E4D0A6

 E4AC34

 E4D8BC

 E4A51D

 E4DFD3

 E49E06

 E4E6EA

 E49C00

 E4EDFF

 E4F4FF

 E4FBFF

 E4FFFF

# Harmonies

## Analogous

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



FFB587



E4C278



BCCE7F

# Triad

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



E4C278



27DAE7



F3B0F2

# Complementary

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



E4C278



789AE4

# 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.



C4BEFF



E4C278



41D5FF

# Square

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



E4C278



5BDAC0



86CBFF



FFA8CC

# Rectangle

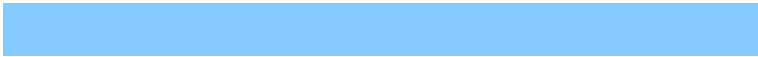
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E4C278



9FD48F



86CBFF



E5B4FC



# Sweetspot

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



E4C278



FFF4DB



E4789A



80796A



000000



808080



# Same Dimension

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



E4C278



FFD16E



D0E478



736F67



B37A00



332300



# Inverse Universe

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



789AE4



6E9BFF



8C78E4



676B73



0038B3



001033



# Previews

## White Background



This preview shows how the Hex color E4C278 looks on a white background.

## Color Contrast Check

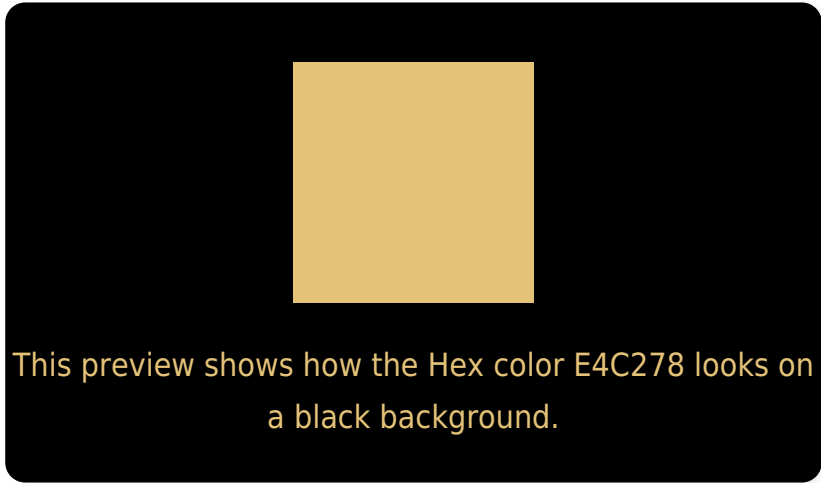
Large Text (above 18pt) WCAG AA × Fail

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 E4C278 Background



This preview shows how black text looks on a background with the Hex color E4C278.

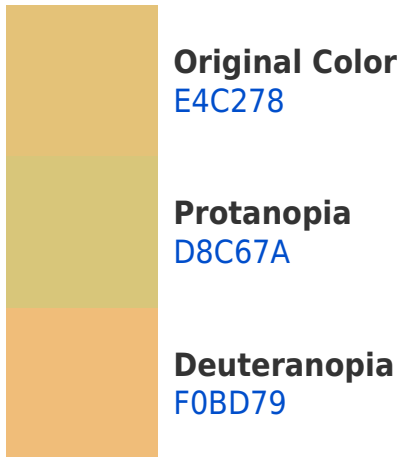


This preview shows how white text looks on a background with the Hex color E4C278.

# 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](#).

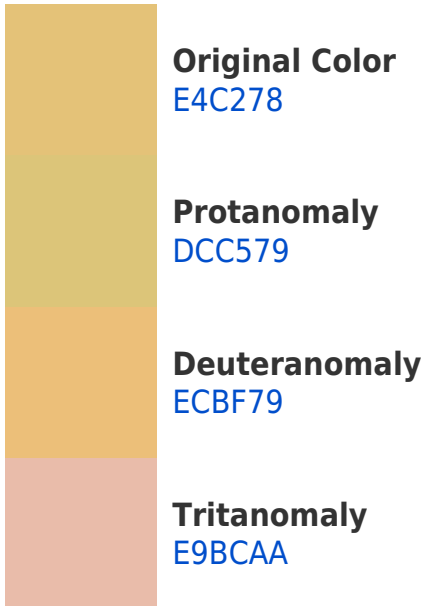
## Dichromacy



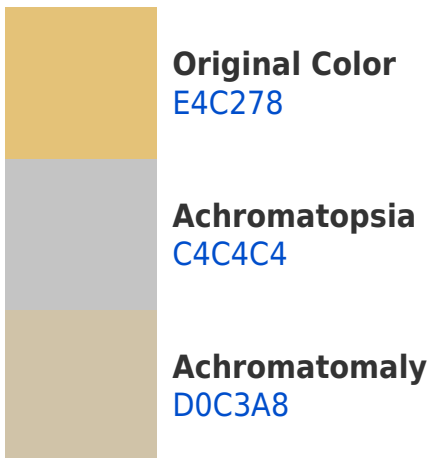


**Tritanopia**  
ECB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4C278 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 #E4C278 looks like.

```
.text, #text, p{  
    color:#E4C278  
}
```

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 #E4C278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4C278  
}
```

## Border

The CSS property to change the border of an element to Hex E4C278 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  
#E4C278 }
```

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

```
.border{ border-color:#E4C278 }
```

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

Here you see how a box with a 4 pixel #E4C278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4C278; -webkit-box-shadow:4px 4px  
4px 4px #E4C278; box-shadow:4px 4px 4px  
4px #E4C278 }
```

# Background

The CSS property to change the background color of an element to Hex E4C278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4C278 }
```

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

```
.background{ background-color:#E4C278 }
```

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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