

# Converting Colors

Hex(E4CFA6)

Have a look what the booklet for  
Hex(E4CFA6) contains.

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# **Color**

**Hex(E4CFA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E4CFA6
RGB	228, 207, 166
RGB Percent	89%, 81%, 65%
CMY	0.1059, 0.1882, 0.3490
CMYK	0.00, 0.09, 0.27, 0.11
HSL	40°, 53%, 77%
HSV	40°, 27%, 89%
XYZ	61.1907, 63.8728, 45.1800
YIQ	208.6050, 25.6770, -8.2990

# Conversions

## Conversions Part 2

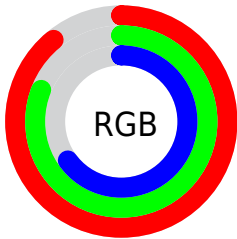
Format	Color
<a href="#">RYB</a>	<a href="#">198, 228, 166</a>
Decimal	<a href="#">14995366</a>
CIELab	<a href="#">83.90, 1.14, 23.07</a>
CIElCh	<a href="#">84, 23.095, 87.182</a>
Yxy	<a href="#">63.8728, 0.3594, 0.3752</a>
Android (android.graphics.Color)	<a href="#">4293185446 (0xFFE4CFA6)</a>
YUV	<a href="#">208.6050, -21.0043, 17.0094</a>
Hunter-Lab	<a href="#">79.9205, -3.1933, 22.4270</a>

# Details

The Hex color **E4CFA6** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A6BBE4**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFDD**, and **AC9972** is the 20% darker color. If you saturate the color by 10%, you get **E4C78F**, and if you desaturate by 10%, it is **E4D7BD**.

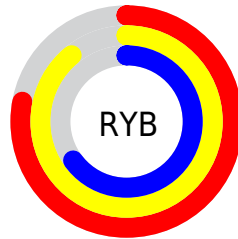
# Distribution



Red (89%)

Green (81%)

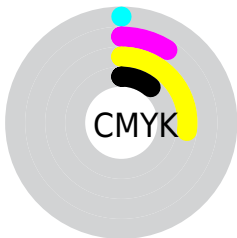
Blue (65%)



Red (78%)

Yellow (89%)

Blue (65%)

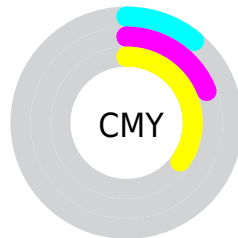


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4CFA6 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 E4CFA6 by changing the saturation by 10% instead.



 E4CFA6

FFFFFF

 FFFFDD

 FFFFFA

 E4CFA6

 C8B48C

 AC9972

 917F59

 776641

 5D4E2B

 453715

 2E2200

 150D00

 000000

 E4CFA6

 E4CFA6

 E4C78F

 E4D7BD

 E4C078

 E4DED4

 E4B862

 E4E6EA

 E4B04B

 E4EEFF

 E4A834

 E4F6FF

 E4A11D

 E4FDFF

 E49906

 E4FFFF

 E49700

# Harmonies

## Analogous

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



F6C8AD



E4CFA6



CDD6AA

# Triad

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



E4CFA6



95DDE4



ECC6E9

# Complementary

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



E4CFA6



A6BBE4

# 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.



D2CCF8



E4CFA6



9EDAF5

# Square

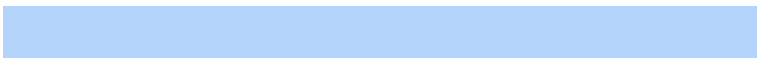
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E4CFA6



9FDECE



B5D4FC



FBC2D4

# Rectangle

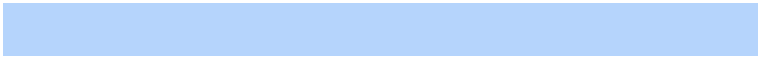
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E4CFA6



BCDAB3



B5D4FC



E4C8EF



# Sweetspot

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



E4CFA6



FFF8EB



E4A6BC



807B73



000000



808080



# Same Dimension

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



E4CFA6



FFE2AB



DBE4A6



736F67



B37600



332200



# Inverse Universe

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



A6BBE4



ABC7FF



AFA6E4



676B73



003CB3

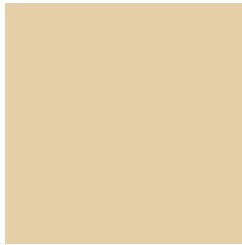


001133



# Previews

## White Background



This preview shows how the Hex color E4CFA6 looks on a white background.

## Color Contrast Check

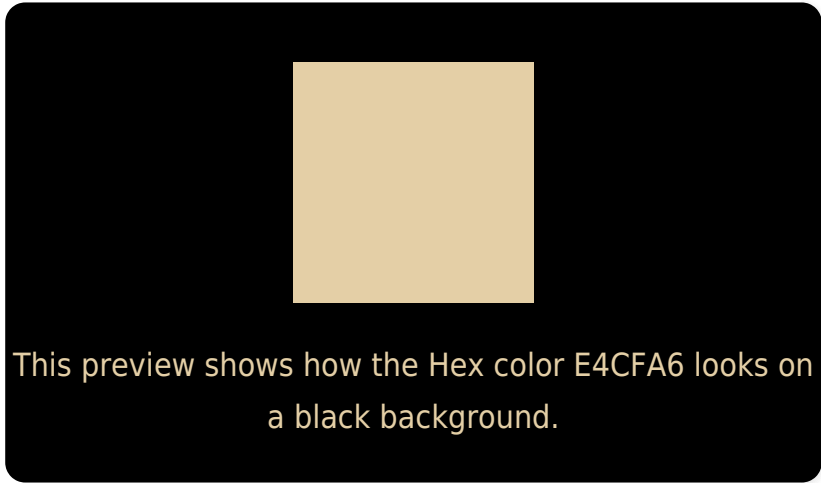
Large Text (above 18pt) WCAG AA × Fail

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

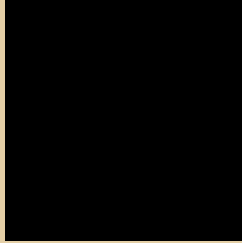
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E4CFA6 Background



This preview shows how black text looks on a background with the Hex color E4CFA6.

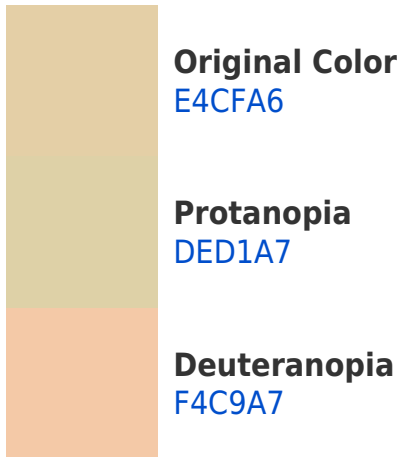


This preview shows how white text looks on a background with the Hex color E4CFA6.

# 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](#).

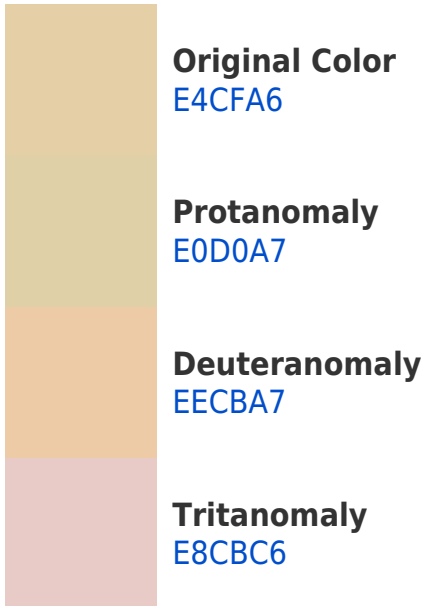
## Dichromacy



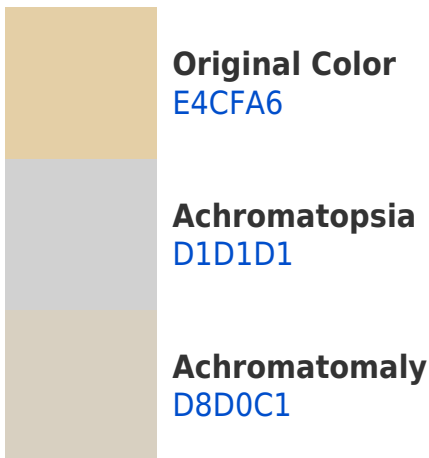


**Tritanopia**  
EAC8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4CFA6 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 #E4CFA6 looks like.

```
.text, #text, p{  
    color:#E4CFA6  
}
```

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 #E4CFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4CFA6  
}
```

## Border

The CSS property to change the border of an element to Hex E4CFA6 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  
#E4CFA6 }
```

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

```
.border{ border-color:#E4CFA6 }
```

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

Here you see how a box with a 4 pixel #E4CFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4CFA6; -webkit-box-shadow:4px 4px  
4px 4px #E4CFA6; box-shadow:4px 4px 4px  
4px #E4CFA6 }
```

# Background

The CSS property to change the background color of an element to Hex E4CFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4CFA6 }
```

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

```
.background{ background-color:#E4CFA6 }
```

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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