

# Converting Colors

Hex(E7CF96)

Have a look what the booklet for  
Hex(E7CF96) contains.

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# **Color**

**Hex(E7CF96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7CF96
RGB	231, 207, 150
RGB Percent	91%, 81%, 59%
CMY	0.0941, 0.1882, 0.4118
CMYK	0.00, 0.10, 0.35, 0.09
HSL	42°, 63%, 75%
HSV	42°, 35%, 91%
XYZ	60.7728, 63.8166, 37.9689
YIQ	207.6780, 32.6010, -12.6390

# Conversions

## Conversions Part 2

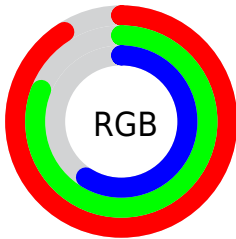
Format	Color
<b>RYB</b>	184, 231, 150
Decimal	15191958
CIELab	83.87, 0.28, 31.42
CIELCh	84, 31.418, 89.495
Yxy	63.8166, 0.3739, 0.3926
Android (android.graphics.Color)	4293382038 (0xFFE7CF96)
YUV	207.6780, -28.4353, 20.4534
Hunter-Lab	79.8853, -4.0051, 27.7396

# Details

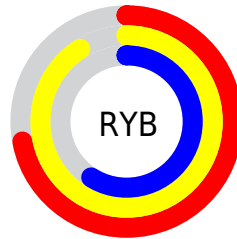
The Hex color **E7CF96** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **96AEE7**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFCD**, and **AE9963** is the 20% darker color. If you saturate the color by 10%, you get **E7C87F**, and if you desaturate by 10%, it is **E7D6AD**.

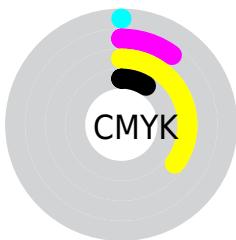
# Distribution



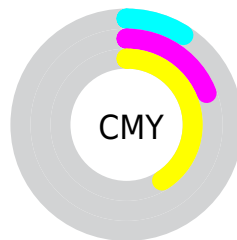
- Red (91%)
- Green (81%)
- Blue (59%)



- Red (72%)
- Yellow (91%)
- Blue (59%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (9%)



- Cyan (9%)
- Magenta (19%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7CF96 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 E7CF96 by changing the saturation by 10% instead.



 E7CF96

 E7CF96

FFFFFF

 CAB47C

 FFFFCF

 AE9963

 FFFFEE

 937F4A

 786633

 5E4E1C

 453804

 2D2200

 140D00

 000000

 E7CF96

 E7CF96

 E7C87F

 E7D6AD

 E7C168

 E7DDC4

 E7BA51

 E7E4DB

 E7B43A

 E7EAF2

 E7AD23

 E7F1FF

 E7A60B

 E7F8FF

 E7A300

 E7FFFF

# Harmonies

## Analogous

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



FFC59F



E7CF96



C7D89D

# Triad

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



E7CF96



77E1ED



F7C0F0

# Complementary

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



E7CF96



96AEE7

# 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.



D5CAFF



E7CF96



86DCFF

# Square

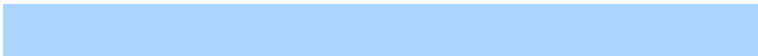
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7CF96



86E2D0



ABD4FF



FFBCD3

# Rectangle

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



E7CF96



B1DDAA



ABD4FF



EDC3F8

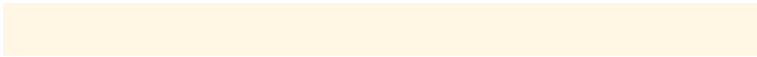


# Sweetspot

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



E7CF96



FFF7E3



E796AE



807B6F



000000



808080



# Same Dimension

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



E7CF96



FFDF94



D7E796



736F67



B37E00



332400



# Inverse Universe

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



96AEE7



94B4FF



A696E7



676B73



0035B3

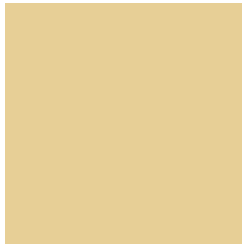


000F33



# Previews

## White Background



This preview shows how the Hex color E7CF96 looks on a white background.

## Color Contrast Check

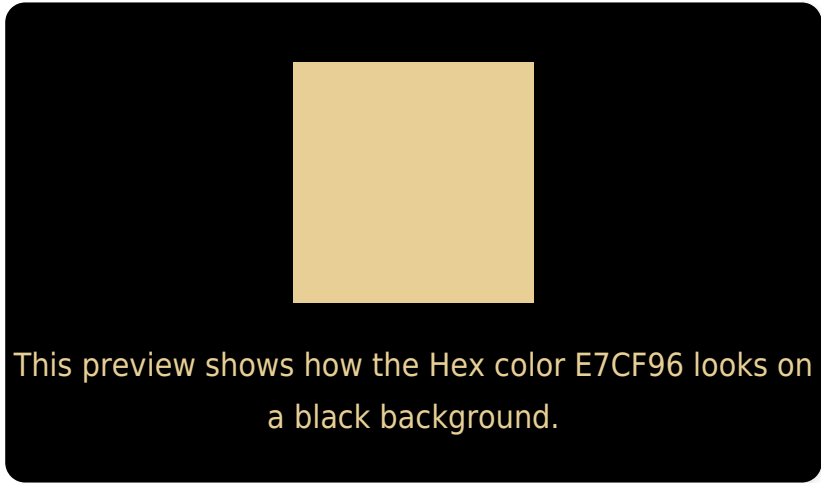
Large Text (above 18pt) WCAG AA × Fail

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 E7CF96 Background



This preview shows how black text looks on a background with the Hex color E7CF96.



This preview shows how white text looks on a background with the Hex color E7CF96.

# Color Blindness Simulation

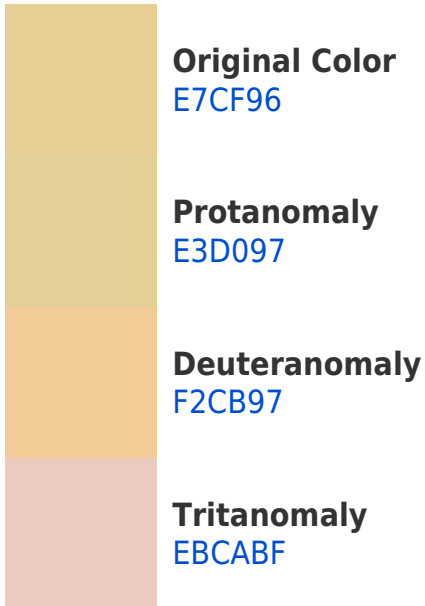
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7CF96 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 #E7CF96 looks like.

```
.text, #text, p{  
    color:#E7CF96  
}
```

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 #E7CF96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7CF96
}
```

## Border

The CSS property to change the border of an element to Hex E7CF96 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
#E7CF96 }
```

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

```
.border{ border-color:#E7CF96 }
```

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

Here you see how a box with a 4 pixel #E7CF96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7CF96; -webkit-box-shadow:4px 4px  
4px 4px #E7CF96; box-shadow:4px 4px 4px  
4px #E7CF96 }
```

# Background

The CSS property to change the background color of an element to Hex E7CF96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7CF96 }
```

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

```
.background{ background-color:#E7CF96 }
```

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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