

# Converting Colors

Hex(E6C28E)

Have a look what the booklet for  
Hex(E6C28E) contains.

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# **Color**

**Hex(E6C28E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6C28E
RGB	230, 194, 142
RGB Percent	90%, 76%, 56%
CMY	0.0980, 0.2392, 0.4431
CMYK	0.00, 0.16, 0.38, 0.10
HSL	35°, 64%, 73%
HSV	35°, 38%, 90%
XYZ	56.8074, 57.3596, 33.6686
YIQ	198.8360, 38.1480, -8.5400

# Conversions

## Conversions Part 2

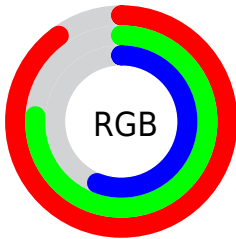
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 230, 142
Decimal	15123086
CIE <sub>Lab</sub>	80.38, 5.73, 30.93
CIE <sub>LCh</sub>	80, 31.458, 79.497
Yxy	57.3596, 0.3843, 0.3880
Android (android.graphics.Color)	4293313166 (0xFFE6C28E)
YUV	198.8360, -28.0201, 27.3308
Hunter-Lab	75.7361, 1.3494, 26.6578

# Details

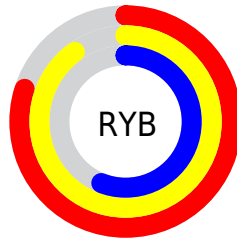
The Hex color **E6C28E** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8EB2E6**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFAC4**, and **AD8D5B** is the 20% darker color. If you saturate the color by 10%, you get **E6B977**, and if you desaturate by 10%, it is **E6CBA5**.

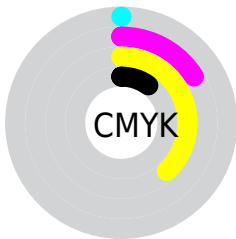
# Distribution



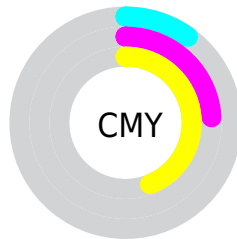
- Red (90%)
- Green (76%)
- Blue (56%)



- Red (80%)
- Yellow (90%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (38%)
- Black (10%)



- Cyan (10%)
- Magenta (24%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6C28E 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 E6C28E by changing the saturation by 10% instead.



 E6C28E

 E6C28E

FFFFFF

 C9A77A

 FFFAC4

 AD8D5B

 FFFFEO

 917343

FFFFFFD

 775B2C

 5C4315

 432D00

 2B1900

 100000

 000000

 E6C28E

 E6C28E

 E6B977

 E6CBA5

 E6AF60

 E6D5BC

 E6A649

 E6DED3

 E69C32

 E6E8EA

 E6931B

 E6F1FF

 E68A04

 E6FAFF

 E68800

 E6FFFF

# Harmonies

## Analogous

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



FBB89C



E6C28E



C9CC90

# Triad

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



E6C28E



6FD8DA



E3B9EE

# Complementary

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



E6C28E



8EB2E6

# 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.



BEC4FF



E6C28E



73D4F3

# Square

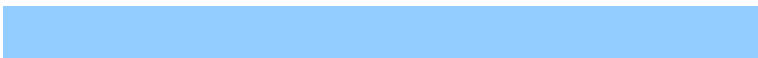
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6C28E



86D7BC



93CDFE



FBB3D3

# Rectangle

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



E6C28E



B2D199



93CDFF



D8BDF5

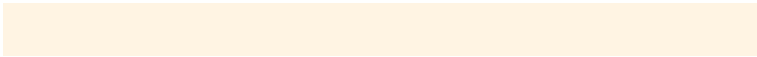


# Sweetspot

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



E6C28E



FFF4E3



E68EB3



80796F



000000



808080



# Same Dimension

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



E6C28E



FFCF8A



DFE68E



736E67



B36900



331E00



# Inverse Universe

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



8EB2E6



8ABAFF



958EE6



676C73



0049B3

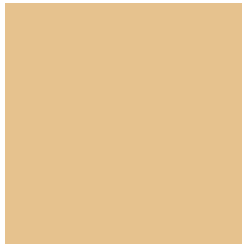


001533



# Previews

## White Background



This preview shows how the Hex color E6C28E 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 E6C28E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

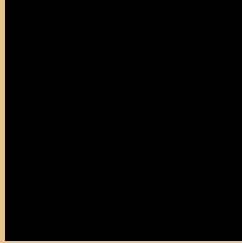
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6C28E Background



This preview shows how black text looks on a background with the Hex color E6C28E.



This preview shows how white text looks on a background with the Hex color E6C28E.

# Color Blindness Simulation

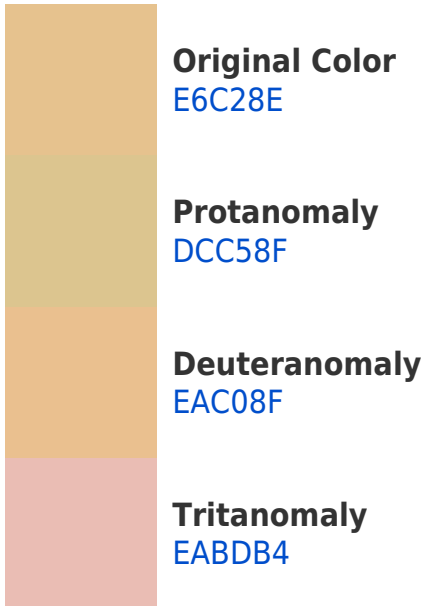
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6C28E 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 #E6C28E looks like.

```
.text, #text, p{  
    color:#E6C28E  
}
```

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 #E6C28E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6C28E
}
```

## Border

The CSS property to change the border of an element to Hex E6C28E 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
#E6C28E }
```

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

```
.border{ border-color:#E6C28E }
```

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

Here you see how a box with a 4 pixel #E6C28E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6C28E; -webkit-box-shadow:4px 4px  
4px 4px #E6C28E; box-shadow:4px 4px 4px  
4px #E6C28E }
```

# Background

The CSS property to change the background color of an element to Hex E6C28E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6C28E }
```

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

```
.background{ background-color:#E6C28E }
```

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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