

# Converting Colors

Hex(E6B570)

Have a look what the booklet for  
Hex(E6B570) contains.

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# **Color**

**Hex(E6B570)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6B570
RGB	230, 181, 112
RGB Percent	90%, 71%, 44%
CMY	0.0980, 0.2902, 0.5608
CMYK	0.00, 0.21, 0.51, 0.10
HSL	35°, 70%, 67%
HSV	35°, 51%, 90%
XYZ	52.0816, 51.0406, 22.4361
YIQ	187.7850, 51.3530, -11.0710

# Conversions

## Conversions Part 2

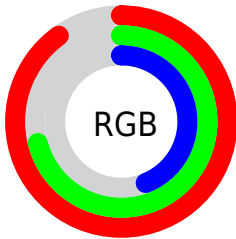
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 230, 112
Decimal	15119728
CIE <sub>Lab</sub>	76.70, 9.57, 41.70
CIE <sub>LCh</sub>	77, 42.788, 77.078
Yxy	51.0406, 0.4148, 0.4065
Android (android.graphics.Color)	4293309808 (0xFFE6B570)
YUV	187.7850, -37.3620, 37.0226
Hunter-Lab	71.4427, 5.1015, 31.3903

# Details

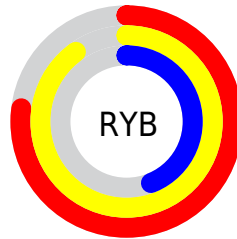
The Hex color **E6B570** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70A1E6**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFEDA5**, and **AC803E** is the 20% darker color. If you saturate the color by 10%, you get **E6AB59**, and if you desaturate by 10%, it is **E6BF87**.

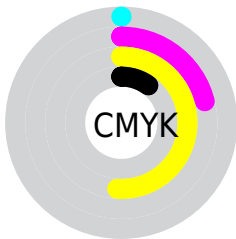
# Distribution



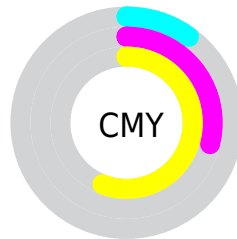
- Red (90%)
- Green (71%)
- Blue (44%)



- Red (77%)
- Yellow (90%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (10%)



- Cyan (10%)
- Magenta (29%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6B570 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 E6B570 by changing the saturation by 10% instead.



 E6B570

 E6B570

FFFFFFF

 C99A57

 FFEDA5

 AC803E

 FFFFC0

 906726

 FFFFDD

 744F0C

 FFFFF9

 593800

 3F2300

 260F00

 000000

 E6B570

 E6B570

 E6AB59

 E6BF87

 E6A242

 E6C89E

 E6982B

 E6D2B5

 E68F14

 E6DBCC

 E68600

 E6E5E3

 E6EEFA

 E6F8FF

 E6FFFF

# Harmonies

## Analogous

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



FFA785



E6B570



C0C270

# Triad

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



E6B570



0FD2D3



DEABF4

# Complementary

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



E6B570



70A1E6

# 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.



A8B9FF



E6B570



00CFF6

# Square

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



E6B570



5FD1AA



62C6FF



FFA0D0

# Rectangle

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



E6B570



A3C97D



62C6FF



CEB0FD

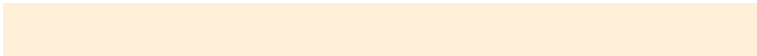


# Sweetspot

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



E6B570



FFEFD9



E670A1



807669



000000



808080



# Same Dimension

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



E6B570



FFBD61



DCE670



736E67



B36800



331E00



# Inverse Universe

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



70A1E6



61A3FF



7A70E6



676C73



004AB3



001533



# Previews

## White Background



This preview shows how the Hex color E6B570 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 E6B570 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

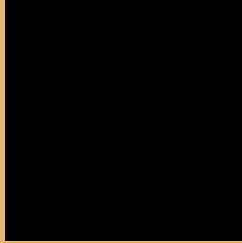
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6B570 Background



This preview shows how black text looks on a background with the Hex color E6B570.

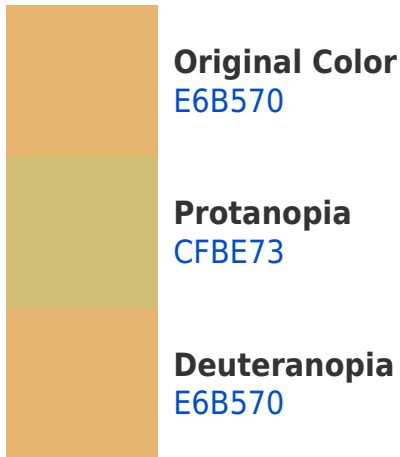


This preview shows how white text looks on a background with the Hex color E6B570.

# Color Blindness Simulation

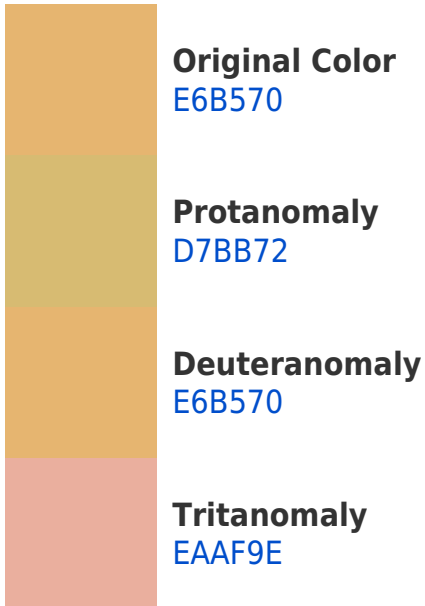
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6B570 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 #E6B570 looks like.

```
.text, #text, p{  
    color:#E6B570  
}
```

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 #E6B570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6B570
}
```

## Border

The CSS property to change the border of an element to Hex E6B570 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
#E6B570 }
```

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

```
.border{ border-color:#E6B570 }
```

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

Here you see how a box with a 4 pixel #E6B570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6B570; -webkit-box-shadow:4px 4px  
4px 4px #E6B570; box-shadow:4px 4px 4px  
4px #E6B570 }
```

# Background

The CSS property to change the background color of an element to Hex E6B570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6B570 }
```

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

```
.background{ background-color:#E6B570 }
```

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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