

# Converting Colors

Hex(E6B672)

Have a look what the booklet for  
Hex(E6B672) contains.

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# **Color**

**Hex(E6B672)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6B672
RGB	230, 182, 114
RGB Percent	90%, 71%, 45%
CMY	0.0980, 0.2863, 0.5529
CMYK	0.00, 0.21, 0.50, 0.10
HSL	35°, 70%, 67%
HSV	35°, 50%, 90%
XYZ	52.3983, 51.4938, 23.0972
YIQ	188.6000, 50.4360, -10.9720

# Conversions

## Conversions Part 2

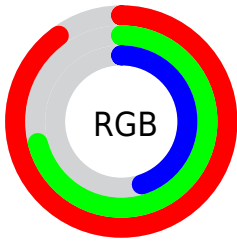
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 230, 114
Decimal	15119986
CIELab	76.98, 9.22, 41.03
CIELCh	77, 42.049, 77.339
Yxy	51.4938, 0.4126, 0.4055
Android (android.graphics.Color)	4293310066 (0xFFE6B672)
YUV	188.6000, -36.7778, 36.3078
Hunter-Lab	71.7592, 4.7616, 31.1477

# Details

The Hex color **E6B672** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72A2E6**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFEEA7**, and **AC8140** is the 20% darker color. If you saturate the color by 10%, you get **E6AC5B**, and if you desaturate by 10%, it is **E6C089**.

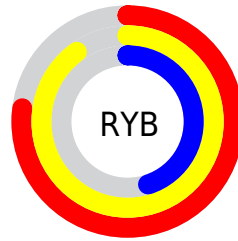
# Distribution



Red (90%)

Green (71%)

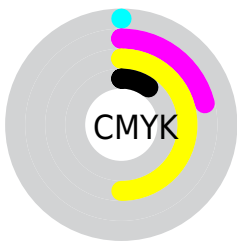
Blue (45%)



Red (77%)

Yellow (90%)

Blue (45%)

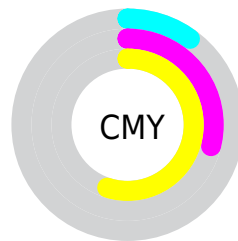


Cyan (0%)

Magenta (21%)

Yellow (50%)

Black (10%)



Cyan (10%)

Magenta (29%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6B672 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 E6B672 by changing the saturation by 10% instead.



 E6B672

 E6B672

FFFFFF

 C99B59

 FFEEA7

 AC8140

 FFFFC3

 906828

 FFFFDF

 74500E

 FFFFFC

 5A3900

 3F2400

 261000

 000000

 E6B672

 E6B672

 E6AC5B

 E6C089

 E6A344

 E6C9A0

 E6992D

 E6D3B7

 E69016

 E6DCCE

 E68700

 E6E6E5

 E6EFFC

 E6F9FF

 E6FFFF

# Harmonies

## Analogous

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



FFA986



E6B672



C1C372

# Triad

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



E6B672



1FD3D4



DEACF3

# Complementary

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



E6B672



72A2E6

# 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.



AABAFF



E6B672



10CFF6

# Square

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



E6B672



62D2AC



66C7FF



FFA1D0

# Rectangle

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



E6B672



A4CA7F



66C7FF



CFB0FC

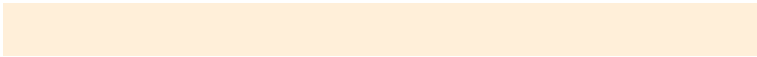


# Sweetspot

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



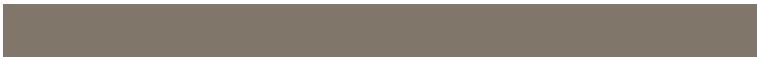
E6B672



FFEFD9



E672A2



807669



000000



808080



# Same Dimension

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



E6B672



FFBF63



DCE672



736E67



B36900



331E00

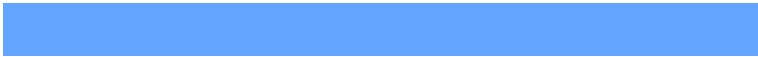


# Inverse Universe

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



72A2E6



63A4FF



7C72E6



676C73



004AB3



001533



# Previews

## White Background



This preview shows how the Hex color E6B672 looks on a white background.

## Color Contrast Check

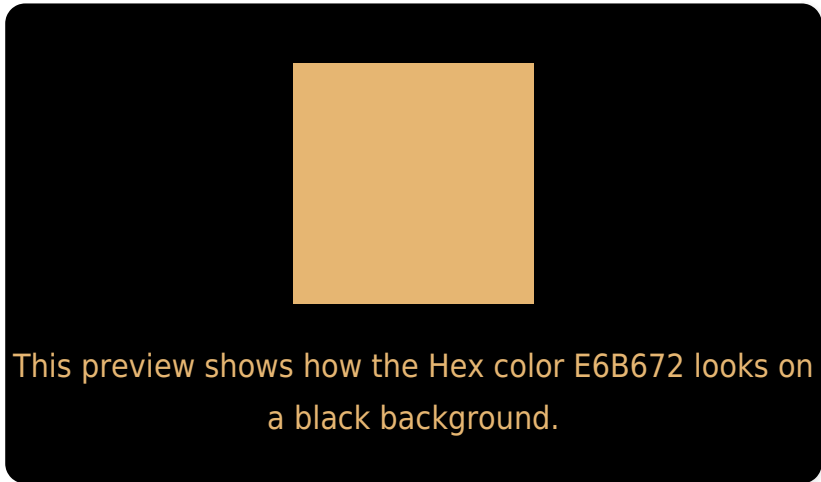
Large Text (above 18pt) WCAG AA × Fail

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 E6B672 Background



This preview shows how black text looks on a background with the Hex color E6B672.

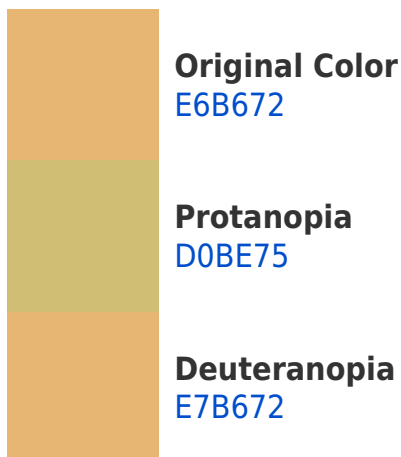


This preview shows how white text looks on a background with the Hex color E6B672.

# Color Blindness Simulation

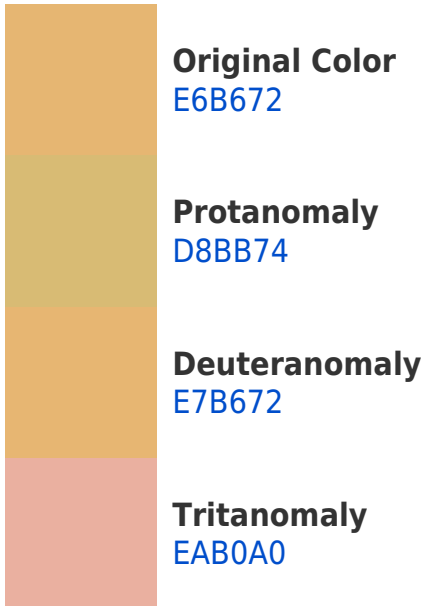
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

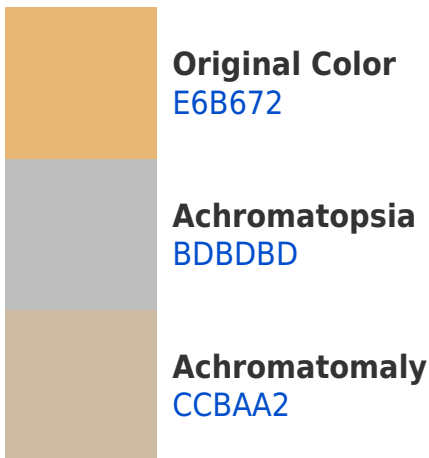




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6B672 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 #E6B672 looks like.

```
.text, #text, p{  
    color:#E6B672  
}
```

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 #E6B672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6B672
}
```

## Border

The CSS property to change the border of an element to Hex E6B672 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
#E6B672 }
```

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

```
.border{ border-color:#E6B672 }
```

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

Here you see how a box with a 4 pixel #E6B672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6B672; -webkit-box-shadow:4px 4px  
4px 4px #E6B672; box-shadow:4px 4px 4px  
4px #E6B672 }
```

# Background

The CSS property to change the background color of an element to Hex E6B672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6B672 }
```

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

```
.background{ background-color:#E6B672 }
```

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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