

# Converting Colors

Hex(E6B684)

Have a look what the booklet for  
Hex(E6B684) contains.

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# **Color**

**Hex(E6B684)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6B684
RGB	230, 182, 132
RGB Percent	90%, 71%, 52%
CMY	0.0980, 0.2863, 0.4824
CMYK	0.00, 0.21, 0.43, 0.10
HSL	31°, 66%, 71%
HSV	31°, 43%, 90%
XYZ	53.5259, 51.9448, 29.0350
YIQ	190.6520, 44.6580, -5.3740

# Conversions

## Conversions Part 2

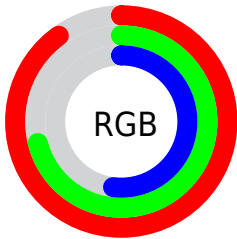
Format	Color
R <sub>Y</sub> B	226, 230, 132
Decimal	15120004
CIE Lab	77.25, 10.97, 32.04
CIE LCh	77, 33.867, 71.100
Yxy	51.9448, 0.3979, 0.3862
Android (android.graphics.Color)	4293310084 (0xFFE6B684)
YUV	190.6520, -28.9154, 34.5082
Hunter-Lab	72.0728, 6.4384, 26.5655

# Details

The Hex color **E6B684** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84B4E6**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFEEBA**, and **AD8152** is the 20% darker color. If you saturate the color by 10%, you get **E6AB6D**, and if you desaturate by 10%, it is **E6C19B**.

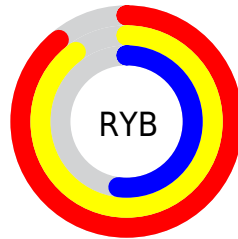
# Distribution



Red (90%)

Green (71%)

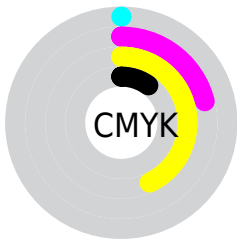
Blue (52%)



Red (89%)

Yellow (90%)

Blue (52%)

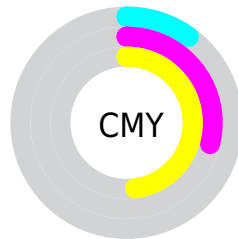


Cyan (0%)

Magenta (21%)

Yellow (43%)

Black (10%)



Cyan (10%)

Magenta (29%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6B684 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 E6B684 by changing the saturation by 10% instead.



 E6B684

 E6B684


FFFFFF

 C99B6A

 FFEEBA

 AD8152

 FFFFD5

 91683A

 FFFFF2

 765023

 5B390C

 422300

 280F00

 000000

 E6B684

 E6B684

 E6AB6D

 E6C19B

 E69F56

 E6CDB2

 E6943F

 E6D8C9

 E68928

 E6E3E0

 E67E11

 E6EEF7

 E67500

 E6FAFF

 E6FFFF

# Harmonies

## Analogous

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



F9AC97



E6B684



C9C181

# Triad

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



E6B684



61D0CA



D2B3EE

# Complementary

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



E6B684



84B4E6

# 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.



A7BEFC



E6B684



59CEE7

# Square

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



E6B684



81CEA9



78C8F9



F0AAD4

# Rectangle

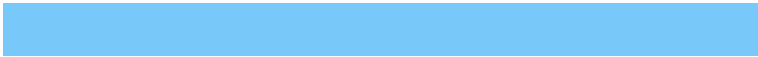
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6B684



B2C788



78C8F9



C5B6F4

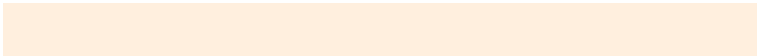


# Sweetspot

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



E6B684



FFEFDE



E684B5



80766B



000000



808080



# Same Dimension

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



E6B684



FFBF7D



E6E684



736D67



B35B00



331A00

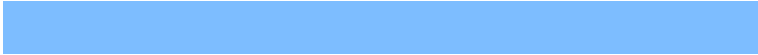


# Inverse Universe

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



84B4E6



7DBDFF



8484E6



676D73



0057B3

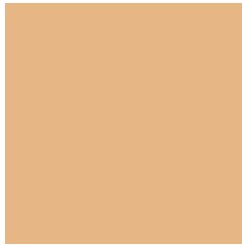


001933



# Previews

## White Background



This preview shows how the Hex color E6B684 looks on a white background.

## Color Contrast Check

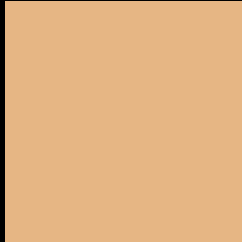
Large Text (above 18pt) WCAG AA × Fail

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 E6B684 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

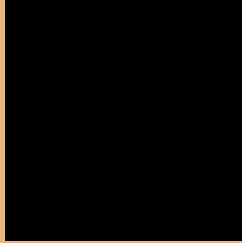
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6B684 Background



This preview shows how black text looks on a background with the Hex color E6B684.



This preview shows how white text looks on a background with the Hex color E6B684.

# Color Blindness Simulation

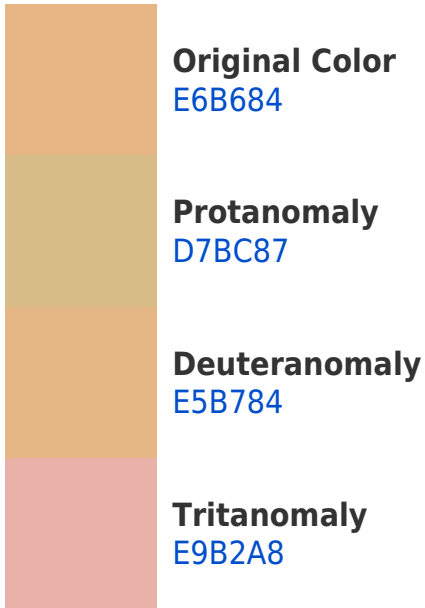
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6B684 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 #E6B684 looks like.

```
.text, #text, p{  
    color:#E6B684  
}
```

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 #E6B684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6B684
}
```

## Border

The CSS property to change the border of an element to Hex E6B684 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
#E6B684 }
```

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

```
.border{ border-color:#E6B684 }
```

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

Here you see how a box with a 4 pixel #E6B684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6B684; -webkit-box-shadow:4px 4px  
4px 4px #E6B684; box-shadow:4px 4px 4px  
4px #E6B684 }
```

# Background

The CSS property to change the background color of an element to Hex E6B684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6B684 }
```

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

```
.background{ background-color:#E6B684 }
```

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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