

# Converting Colors

Hex(E68B6A)

Have a look what the booklet for  
Hex(E68B6A) contains.

<b>Hex(E68B6A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E68B6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E68B6A
RGB	230, 139, 106
RGB Percent	90%, 55%, 42%
CMY	0.0980, 0.4549, 0.5843
CMYK	0.00, 0.40, 0.54, 0.10
HSL	16°, 71%, 66%
HSV	16°, 54%, 90%
XYZ	44.4673, 36.3288, 18.3042
YIQ	162.4470, 64.8290, 9.0290

# Conversions

## Conversions Part 2

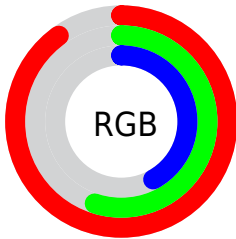
Format	Color
R <sub>Y</sub> B	230, 151, 106
Decimal	15108970
CIE Lab	66.77, 31.38, 32.33
CIE LCh	67, 45.056, 45.847
Yxy	36.3288, 0.4487, 0.3666
Android (android.graphics.Color)	4293299050 (0xFFE68B6A)
YUV	162.4470, -27.8284, 59.2440
Hunter-Lab	60.2734, 26.2116, 24.1859

# Details

The Hex color **E68B6A** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6AC5E6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC19E**, and **AB583A** is the 20% darker color. If you saturate the color by 10%, you get **E67A53**, and if you desaturate by 10%, it is **E69C81**.

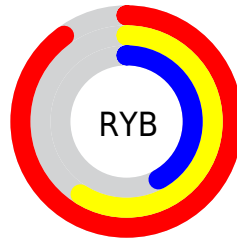
# Distribution



Red (90%)

Green (55%)

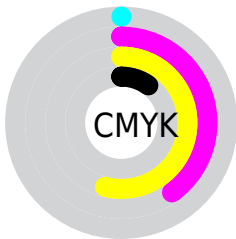
Blue (42%)



Red (90%)

Yellow (59%)

Blue (42%)

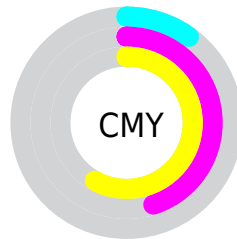


Cyan (0%)

Magenta (40%)

Yellow (54%)

Black (10%)



Cyan (10%)

Magenta (45%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E68B6A 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 E68B6A by changing the saturation by 10% instead.



 E68B6A

 E68B6A

FFFFFF

 C87151


 FFC19E

 AB583A

 FFDD89

 8E3F23

 FFFAD5

 71270E

 FFFFF1

 560E00

 3A0000

 1F0001

 000000

 E68B6A

 E68B6A

 E67A53

 E69C81

 E6693C

 E6AD98

 E65825

 E6BEAF

 E6470E

 E6CFC6

 E63D00

 E6DFDD

 E6F0F4

 E6FFFF

# Harmonies

## Analogous

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



F0828E



E68B6A



CC9953

# Triad

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



E68B6A



3AB68D



879FF0

# Complementary

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



E68B6A



6AC5E6

# 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.



27ACF0



E68B6A



00B7B7

# Square

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



E68B6A



78B168



00B4DB



C190DB

# Rectangle

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



E68B6A



B4A350



00B4DB



6EA4F3

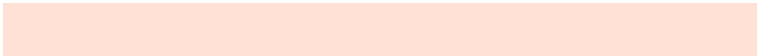


# Sweetspot

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



E68B6A



FFE1D6



E66AC7



806E67



000000



808080



# Same Dimension

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



E68B6A



FF8559



E6C76A



736A67



B33000



330E00



# Inverse Universe

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



6AC5E6



59D3FF



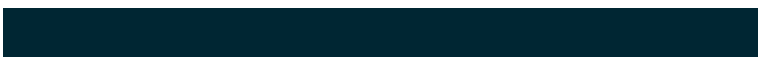
6A89E6



677073



0083B3



002533



# Previews

## White Background



This preview shows how the Hex color E68B6A looks on a white background.

## Color Contrast Check

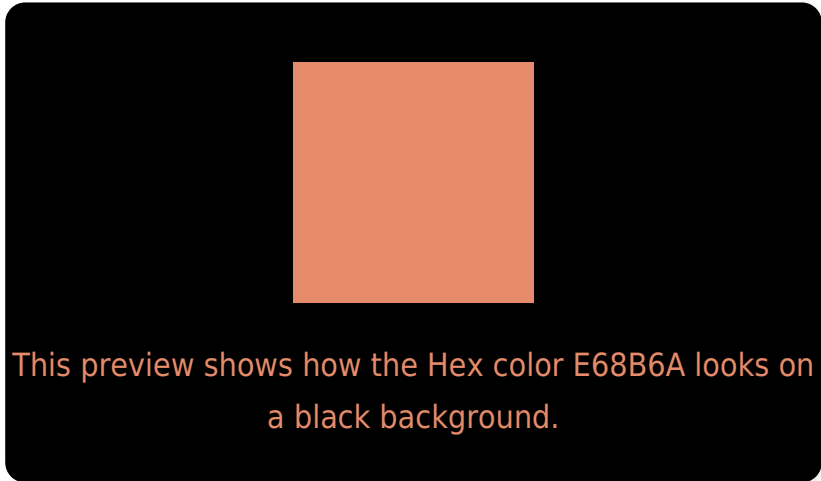
Large Text (above 18pt) WCAG AA × Fail

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 E68B6A Background



This preview shows how black text looks on a background with the Hex color E68B6A.

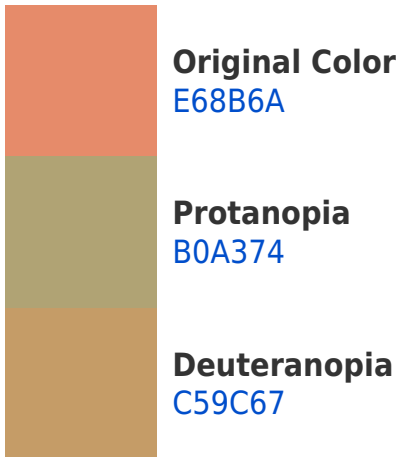


This preview shows how white text looks on a background with the Hex color E68B6A.

# 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](#).

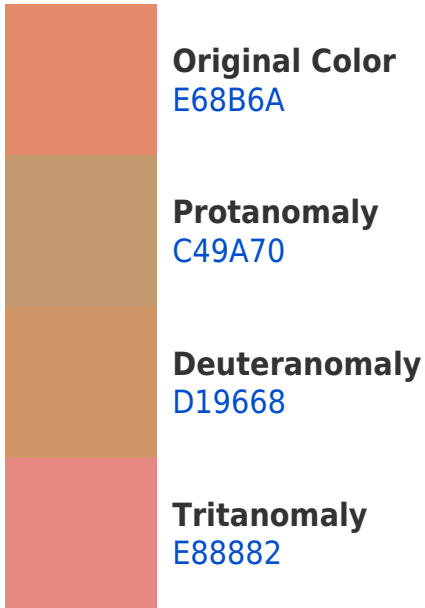
## Dichromacy





**Tritanopia**  
E98690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E68B6A 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 #E68B6A looks like.

```
.text, #text, p{  
    color:#E68B6A  
}
```

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 #E68B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68B6A
}
```

## Border

The CSS property to change the border of an element to Hex E68B6A 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
#E68B6A }
```

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

```
.border{ border-color:#E68B6A }
```

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

Here you see how a box with a 4 pixel #E68B6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68B6A; -webkit-box-shadow:4px 4px  
4px 4px #E68B6A; box-shadow:4px 4px 4px  
4px #E68B6A }
```

# Background

The CSS property to change the background color of an element to Hex E68B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68B6A }
```

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

```
.background{ background-color:#E68B6A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor