

# Converting Colors

Hex(E68877)

Have a look what the booklet for  
Hex(E68877) contains.

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# **Color**

**Hex(E68877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E68877
RGB	230, 136, 119
RGB Percent	90%, 53%, 47%
CMY	0.0980, 0.4667, 0.5333
CMYK	0.00, 0.41, 0.48, 0.10
HSL	9°, 69%, 68%
HSV	9°, 48%, 90%
XYZ	44.7671, 35.7632, 21.9963
YIQ	162.1680, 61.4810, 14.6410

# Conversions

## Conversions Part 2

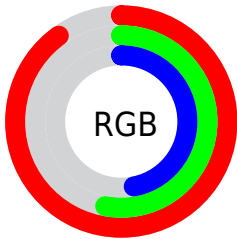
Format	Color
<a href="#">RYB</a>	<a href="#">230, 139, 119</a>
Decimal	<a href="#">15108215</a>
CIELab	<a href="#">66.34, 34.12, 24.61</a>
CIELCh	<a href="#">66, 42.067, 35.805</a>
Yxy	<a href="#">35.7632, 0.4366, 0.3488</a>
Android (android.graphics.Color)	<a href="#">4293298295</a> ( <a href="#">0xFFE68877</a> )
YUV	<a href="#">162.1680, -21.2818, 59.4887</a>
Hunter-Lab	<a href="#">59.8024, 28.9680, 20.0538</a>

# Details

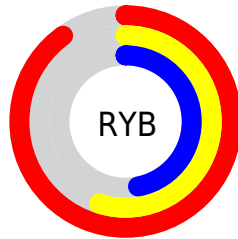
The Hex color **E68877** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77D5E6**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFBEAB**, and **AB5546** is the 20% darker color. If you saturate the color by 10%, you get **E67560**, and if you desaturate by 10%, it is **E69B8E**.

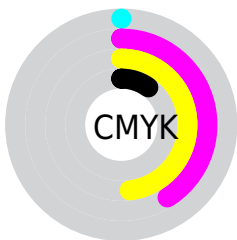
# Distribution



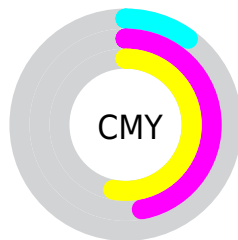
- Red (90%)
- Green (53%)
- Blue (47%)



- Red (90%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (48%)
- Black (10%)



- Cyan (10%)
- Magenta (47%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E68877 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 E68877 by changing the saturation by 10% instead.



 E68877

 E68877

FFFFFF

 C86E5E

 FFBEAB

 AB5546

 FFDBC7

 8E3C30

 FFF7E3

 72231B

 560701

 3B0000

 200001

 000000

 E68877

 E68877

 E67560

 E69B8E

 E66149

 E6AFA5

 E64E32

 E6C2BC

 E63A1B

 E6D6D3

 E62704

 E6E9EA

 E62300

 E6FDFF

 E6FFFF

# Harmonies

## Analogous

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



E9839B



E68877



D2945D

# Triad

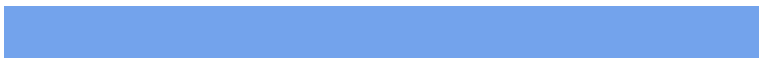
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E68877



59B381



73A3EC

# Complementary

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



E68877



77D5E6

# 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.



03ADE5



E68877



00B5A8

# Square

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



E68877



8AAC62



00B4CC



AF95DF

# Rectangle

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



E68877



BE9D55



00B4CC



5AA7EC

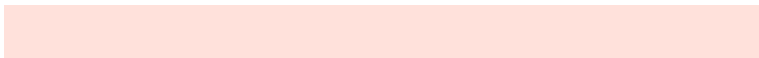


# Sweetspot

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



E68877



FFE1DB



E677D5



806D6A



000000



808080



# Same Dimension

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



E68877



FF826B



E6BF77



736967



B31B00



330800



# Inverse Universe

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



77D5E6



6BE8FF



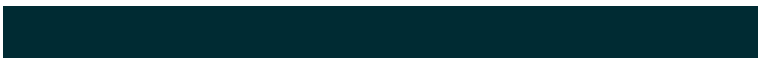
779EE6



677173



0097B3



002B33



# Previews

## White Background



This preview shows how the Hex color E68877 looks on a white background.

## Color Contrast Check

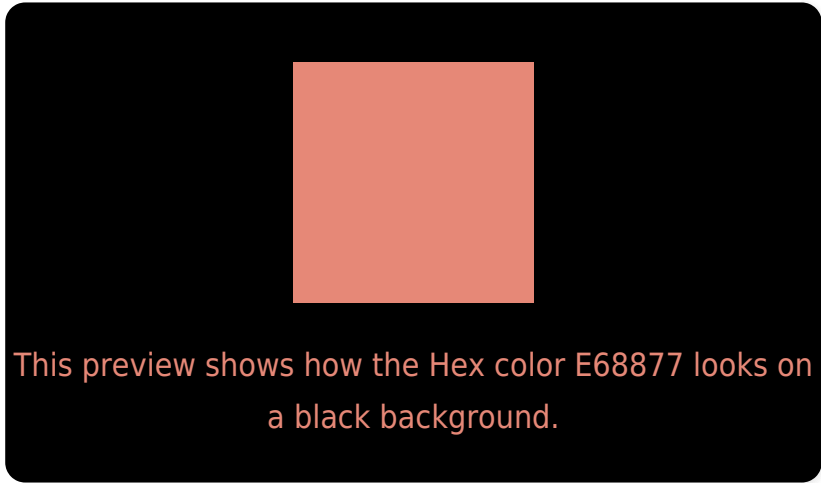
Large Text (above 18pt) WCAG AA × Fail

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 E68877 Background



This preview shows how black text looks on a background with the Hex color E68877.

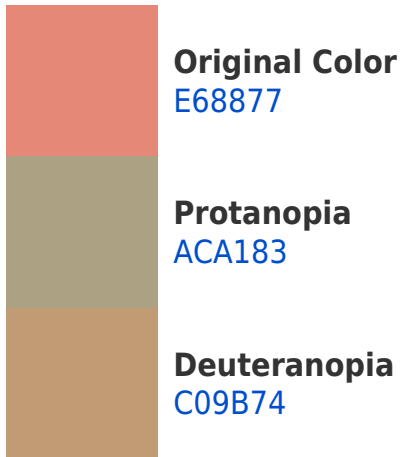


This preview shows how white text looks on a background with the Hex color E68877.

# 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



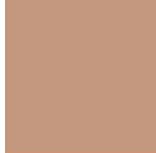


**Tritanopia**  
E8858E

# Trichromacy



**Original Color**  
E68877



**Protanomaly**  
C1987F



**Deuteranomaly**  
CE9475

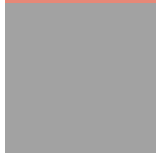


**Tritanomaly**  
E78686

# Monochromacy



**Original Color**  
E68877



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
BB9992

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E68877 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 #E68877 looks like.

```
.text, #text, p{  
    color:#E68877  
}
```

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 #E68877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68877
}
```

## Border

The CSS property to change the border of an element to Hex E68877 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
#E68877 }
```

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

```
.border{ border-color:#E68877 }
```

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

Here you see how a box with a 4 pixel #E68877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68877; -webkit-box-shadow:4px 4px  
4px 4px #E68877; box-shadow:4px 4px 4px  
4px #E68877 }
```

# Background

The CSS property to change the background color of an element to Hex E68877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68877 }
```

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

```
.background{ background-color:#E68877 }
```

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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