

# Converting Colors

Hex(E68C55)

Have a look what the booklet for  
Hex(E68C55) contains.

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**Color**

**Hex(E68C55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E68C55
RGB	230, 140, 85
RGB Percent	90%, 55%, 33%
CMY	0.0980, 0.4510, 0.6667
CMYK	0.00, 0.39, 0.63, 0.10
HSL	23°, 74%, 62%
HSV	23°, 63%, 90%
XYZ	43.6509, 36.2350, 13.2877
YIQ	160.6400, 71.2950, 1.9750

# Conversions

## Conversions Part 2

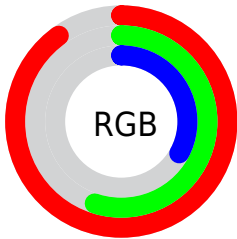
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	230, 174, 85
Decimal	15109205
CIE <sub>Lab</sub>	66.70, 29.30, 43.38
CIE <sub>LCh</sub>	67, 52.350, 55.963
Yxy	36.2350, 0.4685, 0.3889
Android (android.graphics.Color)	4293299285 (0xFFE68C55)
YUV	160.6400, -37.2905, 60.8287
Hunter-Lab	60.1955, 24.0974, 29.0490

# Details

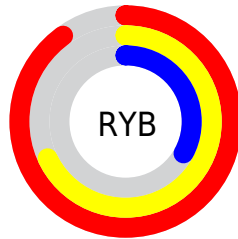
The Hex color **E68C55** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **55AFE6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC288**, and **AA5925** is the 20% darker color. If you saturate the color by 10%, you get **E67E3E**, and if you desaturate by 10%, it is **E69A6C**.

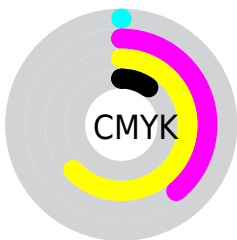
# Distribution



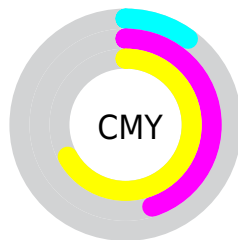
- Red (90%)
- Green (55%)
- Blue (33%)



- Red (90%)
- Yellow (68%)
- Blue (33%)



- Cyan (0%)
- Magenta (39%)
- Yellow (63%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E68C55 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 E68C55 by changing the saturation by 10% instead.



 E68C55

 E68C55

FFFFFF

 C8723D

 FFC288

 AA5925

 FFDEA3

 8C410B

 FFFBBE

 702900

 FFFFDA

 531100

 FFFFF7

 380000

 1C0001

 000000

 E68C55

 E68C55

 E67E3E

 E69A6C

 E66F27

 E6A983

 E66110

 E6B79A

 E65700

 E6C5B1

 E6D3C8

 E6E2DF

 E6F0F6

 E6FEFF

 E6FFFF

# Harmonies

## Analogous

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



F97D7C



E68C55



C39E40

# Triad

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



E68C55



00B99A



9B98F7

# Complementary

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



E68C55



55AFE6

# 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.



2AA9FF



E68C55



00B9CA

# Square

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



E68C55



59B56B



00B4EF



D686D8

# Rectangle

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



E68C55



A5A843



00B4EF



7F9FFD

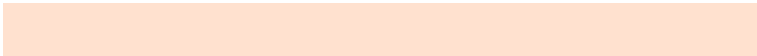


# Sweetspot

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



E68C55



FFE1CF



E655B1



806D62



000000



808080



# Same Dimension

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



E68C55



FF873D



E6D355



736C67



B34400



331300



# Inverse Universe

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



55AFE6



3DB5FF



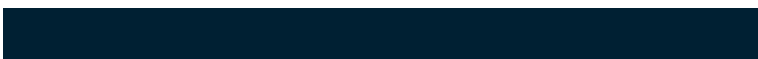
5568E6



676E73



006FB3



002033



# Previews

## White Background



This preview shows how the Hex color E68C55 looks on a white background.

## Color Contrast Check

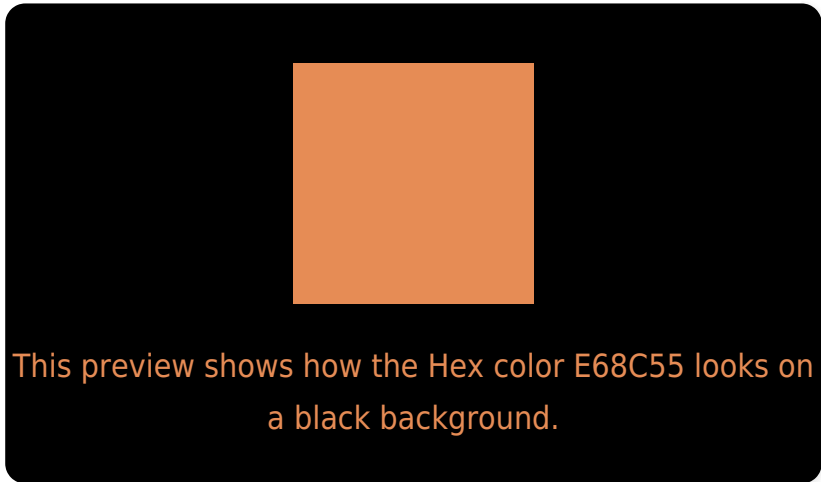
Large Text (above 18pt) WCAG AA × Fail

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

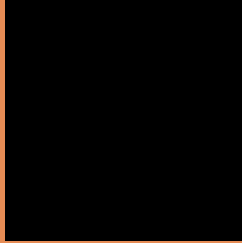
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E68C55 Background



This preview shows how black text looks on a background with the Hex color E68C55.

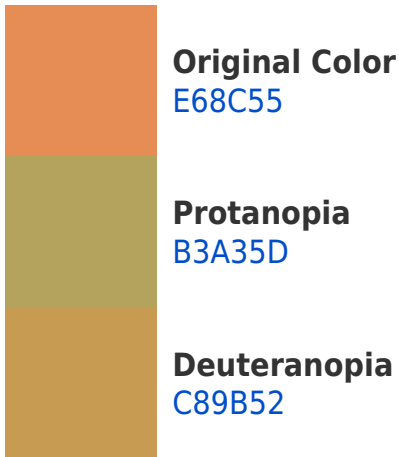



This preview shows how white text looks on a background with the Hex color E68C55.

# 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](#).

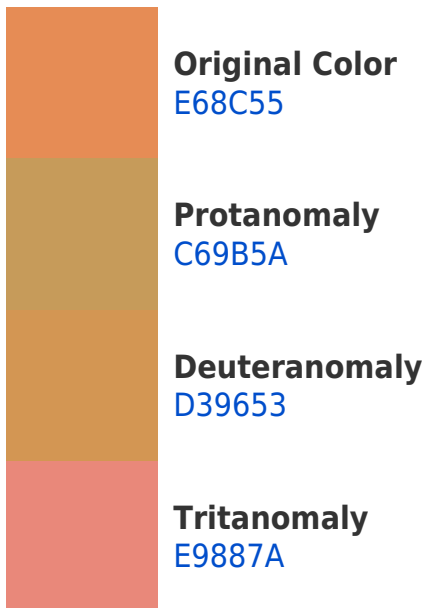
## Dichromacy



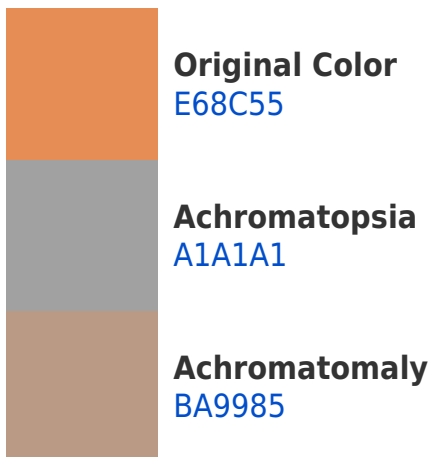


**Tritanopia**  
EA858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E68C55 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 #E68C55 looks like.

```
.text, #text, p{  
    color:#E68C55  
}
```

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 #E68C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68C55
}
```

## Border

The CSS property to change the border of an element to Hex E68C55 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
#E68C55 }
```

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

```
.border{ border-color:#E68C55 }
```

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

Here you see how a box with a 4 pixel #E68C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68C55; -webkit-box-shadow:4px 4px  
4px 4px #E68C55; box-shadow:4px 4px 4px  
4px #E68C55 }
```

# Background

The CSS property to change the background color of an element to Hex E68C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68C55 }
```

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

```
.background{ background-color:#E68C55 }
```

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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