

# Converting Colors

Hex(C38E63)

Have a look what the booklet for  
Hex(C38E63) contains.

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**Color**

**Hex(C38E63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C38E63
RGB	195, 142, 99
RGB Percent	76%, 56%, 39%
CMY	0.2353, 0.4431, 0.6118
CMYK	0.00, 0.27, 0.49, 0.24
HSL	27°, 44%, 58%
HSV	27°, 49%, 76%
XYZ	34.4308, 31.8490, 16.1371
YIQ	152.9450, 45.3910, -2.1370

# Conversions

## Conversions Part 2

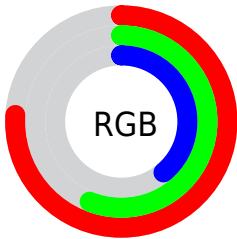
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 177, 99
Decimal	12815971
CIELab	63.22, 14.97, 30.74
CIElCh	63, 34.194, 64.032
Yxy	31.8490, 0.4178, 0.3864
Android (android.graphics.Color)	4291006051 (0xFFC38E63)
YUV	152.9450, -26.5949, 36.8822
Hunter-Lab	56.4349, 10.1415, 22.5509

# Details

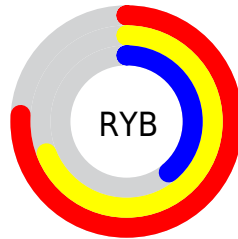
The Hex color **C38E63** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6398C3**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FEC496**, and **8B5C33** is the 20% darker color. If you saturate the color by 10%, you get **C3834F**, and if you desaturate by 10%, it is **C39977**.

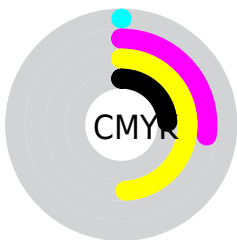
# Distribution



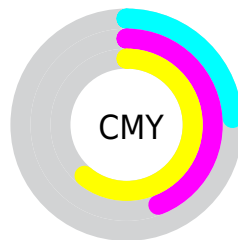
- Red (76%)
- Green (56%)
- Blue (39%)



- Red (76%)
- Yellow (69%)
- Blue (39%)



- Cyan (0%)
- Magenta (27%)
- Yellow (49%)
- Black (24%)



- Cyan (24%)
- Magenta (44%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C38E63 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 C38E63 by changing the saturation by 10% instead.



 C38E63

 C38E63

FFFFFF

 A7744B

 FEC496

 8B5C33

 FFE0B1

 70441D

 FFFCCD

 552E05

 FFFFFE9

 3B1800

 240000

 000000

 C38E63

 C38E63

 C3834F

 C39977

 C3783C

 C3A48A

 C36E29

 C3AE9E

 C36315

 C3B9B1

 C35802

 C3C4C4

 C35700

 C3CFD8

 C3D9EC

 C3E4FF

 C3EFFF

# Harmonies

## Analogous

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



D28578



C38E63



A9995C

# Triad

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



C38E63



3BA99C



A290CB

# Complementary

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



C38E63



6398C3

# 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.



749BD5



C38E63



1AA8BA

# Square

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



C38E63



64A77D



3FA3CF



C386B4

# Rectangle

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



C38E63



949F60



3FA3CF



9493D0

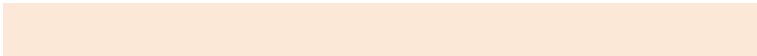


# Sweetspot

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



C38E63



FCE8D7



C36399



807369



000000



808080



# Same Dimension

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



C38E63



FCAA68



C3BD63



615C57



A14800



210F00



# Inverse Universe

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



6398C3



68BAFC



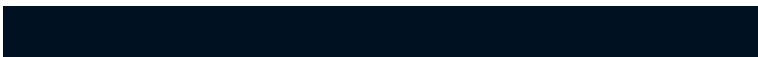
6369C3



575D61



0059A1



001221



# Previews

## White Background



This preview shows how the Hex color C38E63 looks on a white background.

## Color Contrast Check

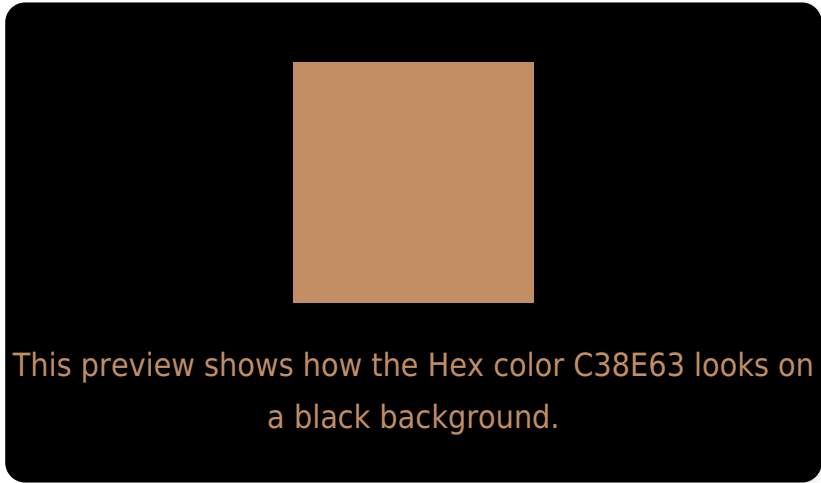
Large Text (above 18pt) WCAG AA × Fail

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

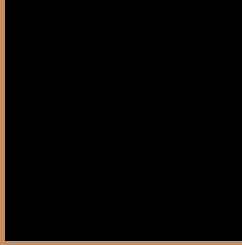
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C38E63 Background



This preview shows how black text looks on a background with the Hex color C38E63.



This preview shows how white text looks on a background with the Hex color C38E63.

# 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



**Original Color**  
C38E63

**Protanopia**  
A69968

**Deuteranopia**  
B99362

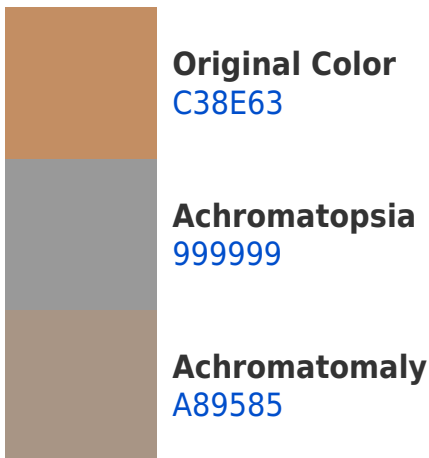


**Tritanopia**  
C78892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C38E63 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 #C38E63 looks like.

```
.text, #text, p{  
    color:#C38E63  
}
```

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 #C38E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38E63
}
```

## Border

The CSS property to change the border of an element to Hex C38E63 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
#C38E63 }
```

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

```
.border{ border-color:#C38E63 }
```

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

Here you see how a box with a 4 pixel #C38E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38E63; -webkit-box-shadow:4px 4px  
4px 4px #C38E63; box-shadow:4px 4px 4px  
4px #C38E63 }
```

# Background

The CSS property to change the background color of an element to Hex C38E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38E63 }
```

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

```
.background{ background-color:#C38E63 }
```

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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