

# Converting Colors

Hex(C38E4F)

Have a look what the booklet for  
Hex(C38E4F) contains.

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# **Color**

**Hex(C38E4F)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C38E4F                     |
| RGB           | 195, 142, 79               |
| RGB Percent   | 76%, 56%, 31%              |
| CMY           | 0.2353, 0.4431, 0.6902     |
| CMYK          | 0.00, 0.27, 0.59, 0.24     |
| HSL           | 33°, 49%, 54%              |
| HSV           | 33°, 59%, 76%              |
| XYZ           | 33.5900, 31.5126, 11.7093  |
| YIQ           | 150.6650, 51.8110, -8.3570 |

# Conversions

## Conversions Part 2

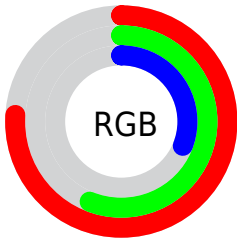
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 177, 195, 79                   |
| Decimal                             | 12815951                       |
| CIELab                              | 62.94, 13.25, 40.99            |
| CIELCh                              | 63, 43.081, 72.083             |
| Yxy                                 | 31.5126, 0.4373,<br>0.4103     |
| Android<br>(android.graphics.Color) | 4291006031<br>(0xFFC38E4F)     |
| YUV                                 | 150.6650, -35.3308,<br>38.8818 |
| Hunter-Lab                          | 56.1361, 8.5702,<br>26.9281    |

# Details

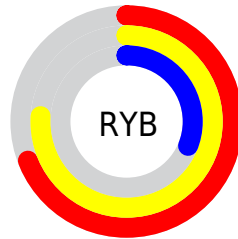
The Hex color **C38E4F** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4F84C3**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FEC482**, and **8A5C1F** is the 20% darker color. If you saturate the color by 10%, you get **C3853C**, and if you desaturate by 10%, it is **C39762**.

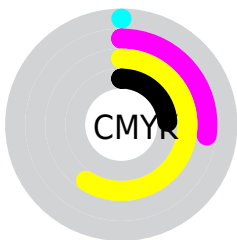
# Distribution



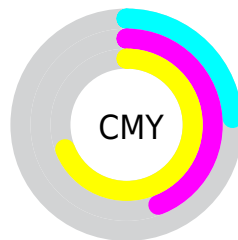
- Red (76%)
- Green (56%)
- Blue (31%)



- Red (69%)
- Yellow (76%)
- Blue (31%)



- Cyan (0%)
- Magenta (27%)
- Yellow (59%)
- Black (24%)



- Cyan (24%)
- Magenta (44%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C38E4F 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 C38E4F by changing the saturation by 10% instead.



 C38E4F

 C38E4F

FFFFFF

 A67437

 FEC482

 8A5C1F

 FFE09C

 6E4404

 FFFCB8

 542E00

 FFFFFD4

 391900

 FFFFFFF0

 210000

 000000

 C38E4F

 C38E4F

 C3853C

 C39762

 C37C28

 C3A076

 C37314

 C3A989

 C36A01

 C3B29D

 C36A00

 C3BBB1

 C3C3C4

 C3CCD8

 C3D5EB

 C3DEFF

# Harmonies

## Analogous

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



DA8167



C38E4F



A19B4B

# Triad

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



C38E4F



00ACA7



B088D1

# Complementary

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



C38E4F



4F84C3

# 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.



7697E3



C38E4F



00AACB

# Square

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



C38E4F



3FAA7F



01A3E1



D47CB1

# Rectangle

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



C38E4F



85A255



01A3E1



9F8DD9

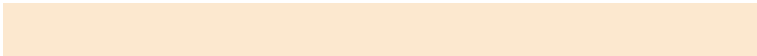


# Sweetspot

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



C38E4F



FCE8CF



C34F85



807363



000000



808080



# Same Dimension

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



C38E4F



FCAB49



BFC34F



615C57



A15700



211200



# Inverse Universe

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



4F84C3



499BFC



534FC3



575C61



0049A1

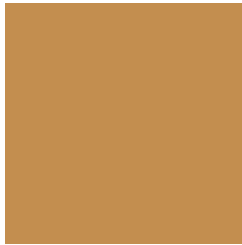


000F21



# Previews

## White Background



This preview shows how the Hex color C38E4F looks on a white background.

## Color Contrast Check

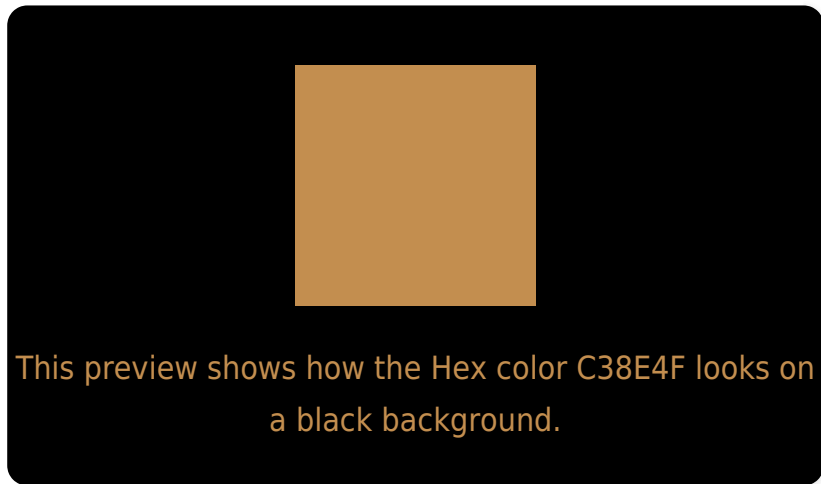
Large Text (above 18pt) WCAG AA × Fail

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

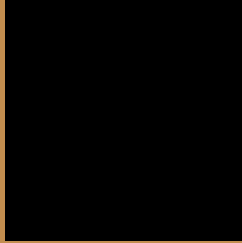
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C38E4F Background



This preview shows how black text looks on a background with the Hex color C38E4F.



This preview shows how white text looks on a background with the Hex color C38E4F.

# 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**  
C38E4F

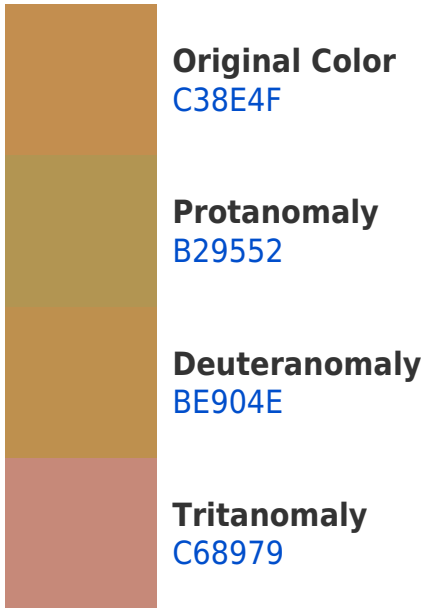
**Protanopia**  
A89953

**Deuteranopia**  
BB914E



**Tritanopia**  
C88691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C38E4F 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 #C38E4F looks like.

```
.text, #text, p{  
    color:#C38E4F  
}
```

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 #C38E4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38E4F
}
```

## Border

The CSS property to change the border of an element to Hex C38E4F 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
#C38E4F }
```

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

```
.border{ border-color:#C38E4F }
```

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

Here you see how a box with a 4 pixel #C38E4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38E4F; -webkit-box-shadow:4px 4px  
4px 4px #C38E4F; box-shadow:4px 4px 4px  
4px #C38E4F }
```

# Background

The CSS property to change the background color of an element to Hex C38E4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38E4F }
```

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

```
.background{ background-color:#C38E4F }
```

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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