

# Converting Colors

Hex(C68442)

Have a look what the booklet for  
Hex(C68442) contains.

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**Color**

**Hex(C68442)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C68442
RGB	198, 132, 66
RGB Percent	78%, 52%, 26%
CMY	0.2235, 0.4824, 0.7412
CMYK	0.00, 0.33, 0.67, 0.22
HSL	30°, 54%, 52%
HSV	30°, 67%, 78%
XYZ	32.5233, 28.9016, 9.0187
YIQ	144.2100, 60.5220, -6.5340

# Conversions

## Conversions Part 2

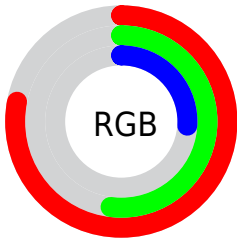
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 198, 66
Decimal	13009986
CIE <sub>Lab</sub>	60.69, 19.14, 45.05
CIE <sub>LCh</sub>	61, 48.948, 66.981
Yxy	28.9016, 0.4617, 0.4103
Android (android.graphics.Color)	4291200066 (0xFFC68442)
YUV	144.2100, -38.5575, 47.1738
Hunter-Lab	53.7602, 13.9067, 27.6859

# Details

The Hex color **C68442** 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 **4284C6**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFB974**, and **8C5210** is the 20% darker color. If you saturate the color by 10%, you get **C67A2E**, and if you desaturate by 10%, it is **C68E56**.

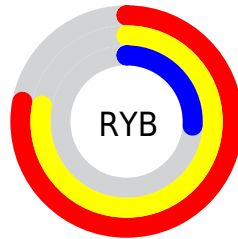
# Distribution



Red (78%)

Green (52%)

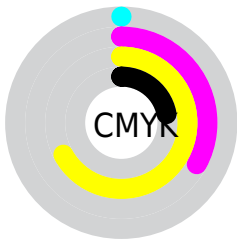
Blue (26%)



Red (78%)

Yellow (78%)

Blue (26%)

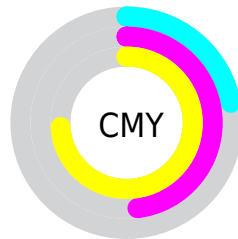


Cyan (0%)

Magenta (33%)

Yellow (67%)

Black (22%)



Cyan (22%)

Magenta (48%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C68442 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 C68442 by changing the saturation by 10% instead.





C68442



C68442

FFFFFF



A96B29



FFB974



8C5210



FFD58F



703B00



FFF1AA



542500



FFFFC5



391000



FFFFE2



220000



000000



C68442



C68442



C67A2E



C68E56

 C6701A

 C6986A

 C66607

 C6A27D

 C66300

 C6AC91

 C6B6A5

 C6BFB9

 C6C9CD

 C6D3E0

 C6DDF4

# Harmonies

## Analogous

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



DE7461



C68442



A29338

# Triad

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



C68442



00A89B



A383D8

# Complementary

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



C68442



4284C6

# 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.



5694E8



C68442



00A6C5

# Square

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



C68442



31A66F



00A0E1



CF73B5

# Rectangle

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



C68442



849B41



00A0E1



8E89E0



# Sweetspot

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



C68442



FFE6CC



C64284



807061



000000



808080



# Same Dimension

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



C68442



FF9933



C6C642



635E5A



A35200



241200



# Inverse Universe

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



4284C6



3399FF



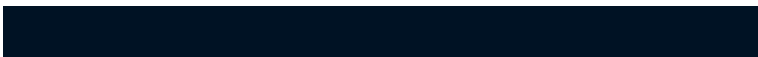
4242C6



5A5E63



0052A3

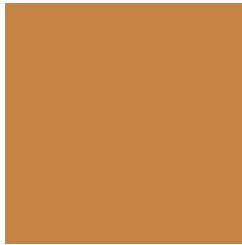


001224



# Previews

## White Background



This preview shows how the Hex color C68442 looks on a white background.

## Color Contrast Check

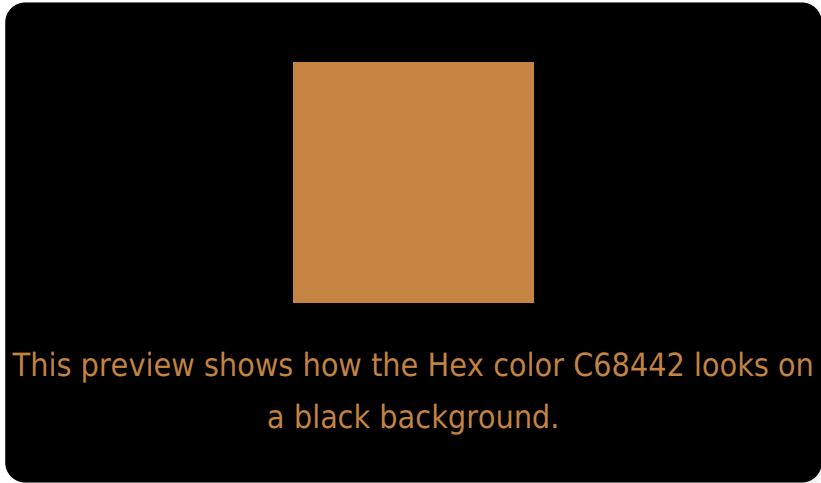
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex C68442 Background



This preview shows how black text looks on a background with the Hex color C68442.



This preview shows how white text looks on a background with the Hex color C68442.

# 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**  
C68442

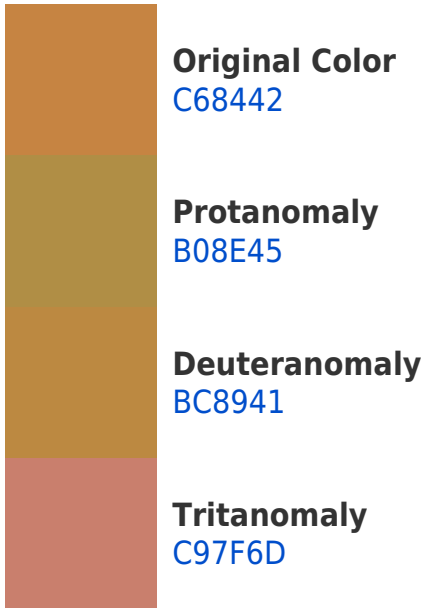
**Protanopia**  
A39347

**Deuteranopia**  
B68C40



**Tritanopia**  
CB7C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C68442 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 #C68442 looks like.

```
.text, #text, p{  
    color:#C68442  
}
```

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 #C68442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68442
}
```

## Border

The CSS property to change the border of an element to Hex C68442 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
#C68442 }
```

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

```
.border{ border-color:#C68442 }
```

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

Here you see how a box with a 4 pixel #C68442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68442; -webkit-box-shadow:4px 4px  
4px 4px #C68442; box-shadow:4px 4px 4px  
4px #C68442 }
```

# Background

The CSS property to change the background color of an element to Hex C68442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68442 }
```

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

```
.background{ background-color:#C68442 }
```

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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