

# Converting Colors

Hex(C68470)

Have a look what the booklet for  
Hex(C68470) contains.

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# **Color**

**Hex(C68470)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C68470
RGB	198, 132, 112
RGB Percent	78%, 52%, 44%
CMY	0.2235, 0.4824, 0.5608
CMYK	0.00, 0.33, 0.43, 0.22
HSL	14°, 43%, 61%
HSV	14°, 43%, 78%
XYZ	34.4646, 29.6781, 19.2412
YIQ	149.4540, 45.7560, 7.7720

# Conversions

## Conversions Part 2

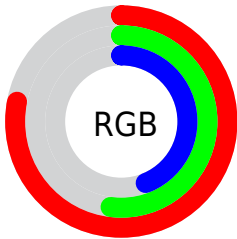
Format	Color
<a href="#">RYB</a>	<a href="#">198, 138, 112</a>
Decimal	<a href="#">13010032</a>
CIELab	<a href="#">61.38, 23.03, 21.17</a>
CIElCh	<a href="#">61, 31.284, 42.594</a>
Yxy	<a href="#">29.6781, 0.4133, 0.3559</a>
Android (android.graphics.Color)	<a href="#">4291200112 (0xFFC68470)</a>
YUV	<a href="#">149.4540, -18.4648, 42.5748</a>
Hunter-Lab	<a href="#">54.4777, 17.5899, 17.1935</a>

# Details

The Hex color **C68470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70B2C6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB9A4**, and **8E5240** is the 20% darker color. If you saturate the color by 10%, you get **C6755C**, and if you desaturate by 10%, it is **C69384**.

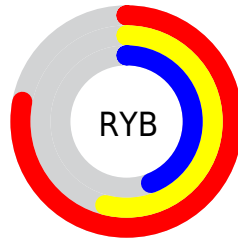
# Distribution



Red (78%)

Green (52%)

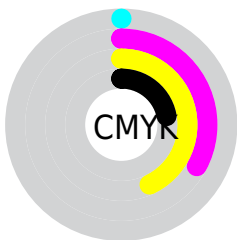
Blue (44%)



Red (78%)

Yellow (54%)

Blue (44%)

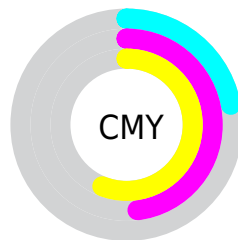


Cyan (0%)

Magenta (33%)

Yellow (43%)

Black (22%)



Cyan (22%)

Magenta (48%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C68470 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 C68470 by changing the saturation by 10% instead.



 C68470

 C68470

FFFFFF

 AA6A57

 FFB9A4

 8E5240

 FFD5BF

 723A2A

 FFF2DB

 582315

 FFFFF7

 3E0D00

 270000

 000000

 C68470

 C68470

 C6755C

 C69384

 C66648

 C6A298

 C65635

 C6B2AB

 C64721

 C6C1BF

 C6380D

 C6D0D3

 C62E00

 C6DFE7

 C6EEFB

 C6FEFF

 C6FFFF

# Harmonies

## Analogous

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



CB7F89



C68470



B58D60

# Triad

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



C68470



5BA283



8093CA

# Complementary

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



C68470



70B2C6

# 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.



549CC8



C68470



3AA39F

# Square

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



C68470



7D9E6B



31A1B9



A689BD

# Rectangle

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



C68470



A5935D



31A1B9



7196CB

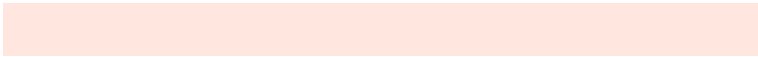


# Sweetspot

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



C68470



FFE6DE



C670B3



80706B



000000



808080



# Same Dimension

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



C68470



FF997A



C6AE70



635C5A



A32600



240800

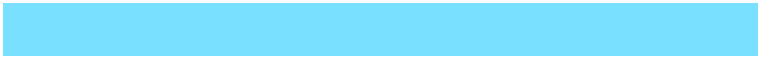


# Inverse Universe

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



70B2C6



7AE0FF



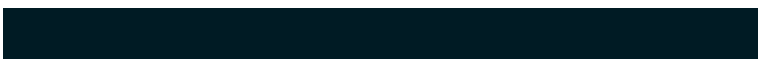
7088C6



5A6163



007DA3



001B24



# Previews

## White Background



This preview shows how the Hex color C68470 looks on a white background.

## Color Contrast Check

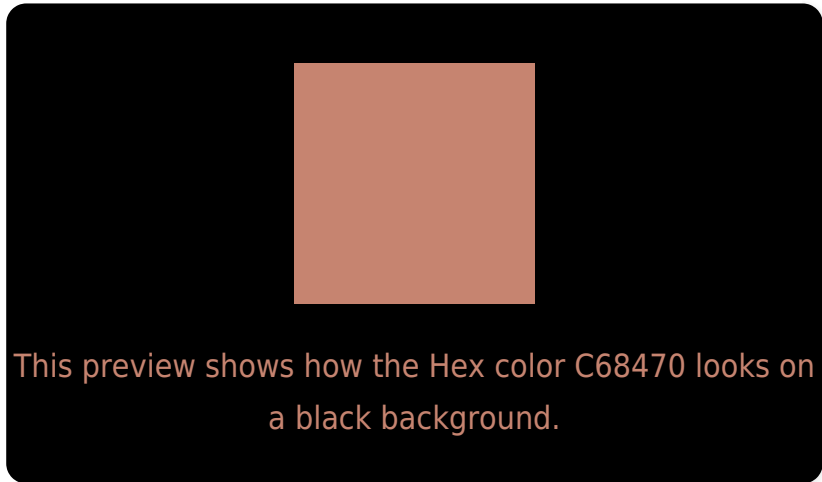
Large Text (above 18pt) WCAG AA ✓ Pass

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

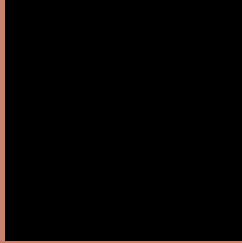
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C68470 Background



This preview shows how black text looks on a background with the Hex color C68470.

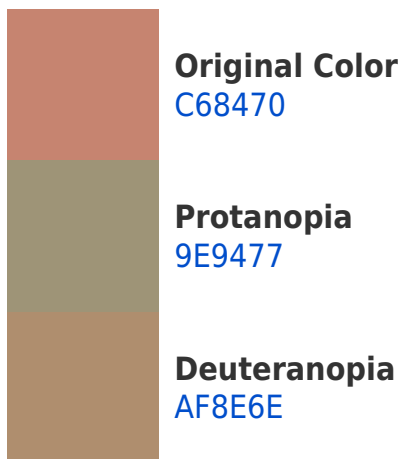


This preview shows how white text looks on a background with the Hex color C68470.

# 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**  
C8808A

# Trichromacy



**Original Color**  
C68470

**Protanomaly**  
AD8E74

**Deuteranomaly**  
B78A6F

**Tritanomaly**  
C78181

# Monochromacy



**Original Color**  
C68470

**Achromatopsia**  
959595

**Achromatomaly**  
A78F88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C68470 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 #C68470 looks like.

```
.text, #text, p{  
    color:#C68470  
}
```

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 #C68470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68470
}
```

## Border

The CSS property to change the border of an element to Hex C68470 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
#C68470 }
```

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

```
.border{ border-color:#C68470 }
```

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

Here you see how a box with a 4 pixel #C68470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68470; -webkit-box-shadow:4px 4px  
4px 4px #C68470; box-shadow:4px 4px 4px  
4px #C68470 }
```

# Background

The CSS property to change the background color of an element to Hex C68470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68470 }
```

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

```
.background{ background-color:#C68470 }
```

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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