

# Converting Colors

Hex(C68770)

Have a look what the booklet for  
Hex(C68770) contains.

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**Color**

**Hex(C68770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C68770
RGB	198, 135, 112
RGB Percent	78%, 53%, 44%
CMY	0.2235, 0.4706, 0.5608
CMYK	0.00, 0.32, 0.43, 0.22
HSL	16°, 43%, 61%
HSV	16°, 43%, 78%
XYZ	34.8773, 30.5036, 19.3788
YIQ	151.2150, 44.9310, 6.2030

# Conversions

## Conversions Part 2

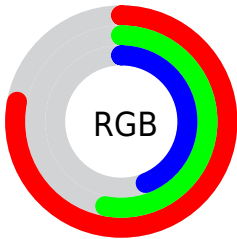
Format	Color
<a href="#">RYB</a>	<a href="#">198, 143, 112</a>
Decimal	<a href="#">13010800</a>
CIELab	<a href="#">62.09, 21.38, 22.13</a>
CIElCh	<a href="#">62, 30.775, 45.984</a>
Yxy	<a href="#">30.5036, 0.4115, 0.3599</a>
Android (android.graphics.Color)	<a href="#">4291200880</a> <a href="#">(0xFFC68770)</a>
YUV	<a href="#">151.2150, -19.3330, 41.0304</a>
Hunter-Lab	<a href="#">55.2300, 16.0687, 17.8577</a>

# Details

The Hex color **C68770** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70AFC6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFBDA4**, and **8E5540** is the 20% darker color. If you saturate the color by 10%, you get **C6785C**, and if you desaturate by 10%, it is **C69684**.

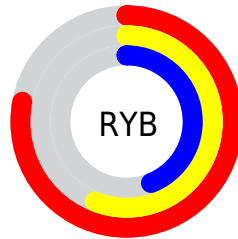
# Distribution



Red (78%)

Green (53%)

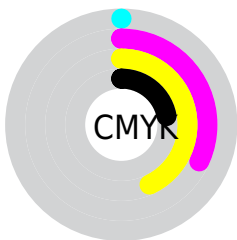
Blue (44%)



Red (78%)

Yellow (56%)

Blue (44%)

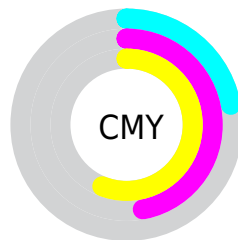


Cyan (0%)

Magenta (32%)

Yellow (43%)

Black (22%)



Cyan (22%)

Magenta (47%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C68770 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 C68770 by changing the saturation by 10% instead.



 C68770

FFFFFF

 FFBDA4

 FFD8BF

 FFF5DB

 FFFFF7

 C68770

 C6785C

 C68770

 AA6D57

 8E5540

 723D2A

 582615

 3F1000

 270000

 000000

 C68770

 C69684

 C66A48

 C6A498

 C65B35

 C6B3AB

 C64D21

 C6C1BF

 C63E0D

 C6D0D3

 C63500

 C6DEE7

 C6EDFB

 C6FBFF

 C6FFFF

# Harmonies

## Analogous

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



CC8288



C68770



B49061

# Triad

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



C68770



5AA488



8794CA

# Complementary

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



C68770



70AFC6

# 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.



5C9CCA



C68770



3CA5A4

# Square

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



C68770



7BA06F



39A2BC



AC8ABC

# Rectangle

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



C68770



A3965F



39A2BC



7997CC

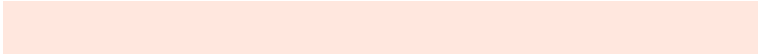


# Sweetspot

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



C68770



FFE7DE



C670AF



80716B



000000



808080



# Same Dimension

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



C68770



FF9E7A



C6B270



635C5A



A32C00



240A00

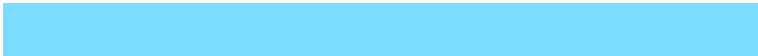


# Inverse Universe

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



70AFC6



7ADCFE



7084C6



5A6163



0078A3



001A24



# Previews

## White Background



This preview shows how the Hex color C68770 looks on a white background.

## Color Contrast Check

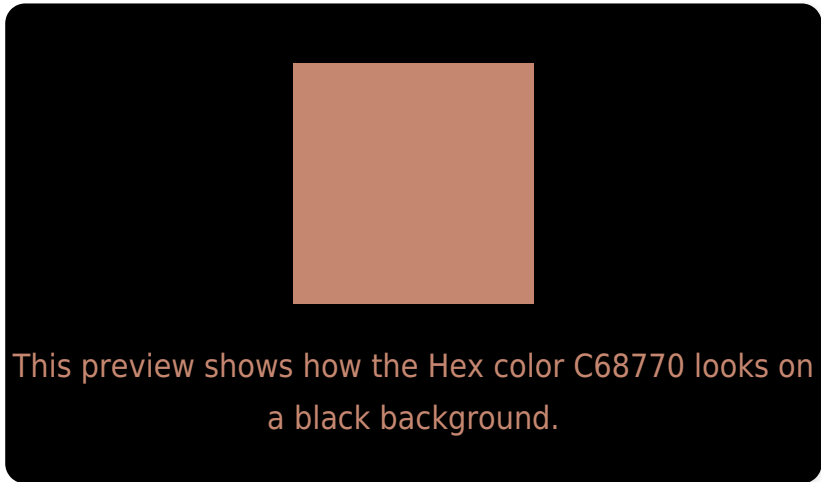
Large Text (above 18pt) WCAG AA × Fail

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

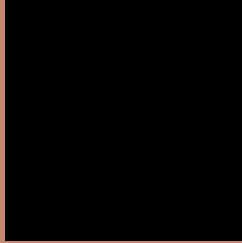
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C68770 Background



This preview shows how black text looks on a background with the Hex color C68770.




This preview shows how white text looks on a background with the Hex color C68770.

# 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**  
C9838D

# Trichromacy



**Original Color**  
C68770

**Protanomaly**  
AE9174

**Deuteranomaly**  
B98D6F

**Tritanomaly**  
C88482

# Monochromacy



**Original Color**  
C68770

**Achromatopsia**  
979797

**Achromatomaly**  
A89189

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C68770 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 #C68770 looks like.

```
.text, #text, p{  
    color:#C68770  
}
```

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 #C68770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68770
}
```

## Border

The CSS property to change the border of an element to Hex C68770 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
#C68770 }
```

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

```
.border{ border-color:#C68770 }
```

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

Here you see how a box with a 4 pixel #C68770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68770; -webkit-box-shadow:4px 4px  
4px 4px #C68770; box-shadow:4px 4px 4px  
4px #C68770 }
```

# Background

The CSS property to change the background color of an element to Hex C68770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68770 }
```

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

```
.background{ background-color:#C68770 }
```

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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