

# Converting Colors

Hex(C48761)

Have a look what the booklet for  
Hex(C48761) contains.

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**Color**

**Hex(C48761)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C48761
RGB	196, 135, 97
RGB Percent	77%, 53%, 38%
CMY	0.2314, 0.4706, 0.6196
CMYK	0.00, 0.31, 0.51, 0.23
HSL	23°, 46%, 57%
HSV	23°, 51%, 77%
XYZ	33.5866, 29.9268, 15.3155
YIQ	148.9070, 48.5540, 1.1140

# Conversions

## Conversions Part 2

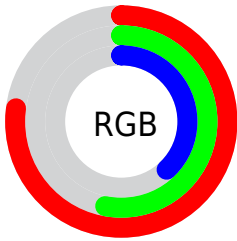
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 159, 97
Decimal	12879713
CIE <sub>Lab</sub>	61.59, 19.05, 29.76
CIE <sub>LCh</sub>	62, 35.338, 57.383
Yxy	29.9268, 0.4261, 0.3796
Android (android.graphics.Color)	4291069793 (0xFFC48761)
YUV	148.9070, -25.5902, 41.3006
Hunter-Lab	54.7054, 13.8564, 21.6947

# Details

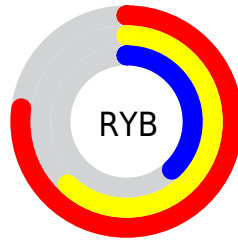
The Hex color **C48761** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **619EC4**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFBC94**, and **8B5532** is the 20% darker color. If you saturate the color by 10%, you get **C47B4D**, and if you desaturate by 10%, it is **C49375**.

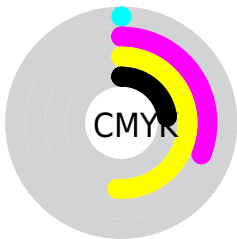
# Distribution



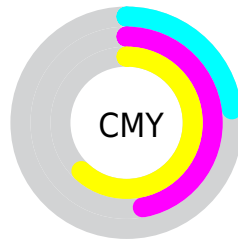
- Red (77%)
- Green (53%)
- Blue (38%)



- Red (77%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (31%)
- Yellow (51%)
- Black (23%)



- Cyan (23%)
- Magenta (47%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C48761 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 C48761 by changing the saturation by 10% instead.



 C48761

 C48761

FFFFFF

 A76E49

 FFBC94

 8B5532

 FFD8AF

 703D1B

 FFF5CA

 552704

 FFFFFE7

 3B1200

 240000

 000000

 C48761

 C48761

 C47B4D

 C49375

 C46F3A

 C49F88

 C46326

 C4AB9C

 C45713

 C4B7AF

 C44B00

 C4C3C3

 C4CFD7

 C4DCEA

 C4E8FE

 C4F4FF

# Harmonies

## Analogous

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



D17E7A



C48761



AC9256

# Triad

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



C48761



3AA591



948ECC

# Complementary

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



C48761



619EC4

# 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.



6199D3



C48761



00A5B0

# Square

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



C48761



67A272



22A1C9



BA83B7

# Rectangle

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



C48761



979958



22A1C9



8592D0

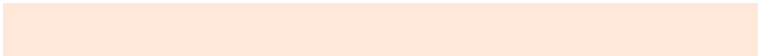


# Sweetspot

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



C48761



FFE7D9



C4619E



807169



000000



808080



# Same Dimension

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



C48761



FF9F63



C4B861



615B57



A13E00



210D00



# Inverse Universe

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



619EC4



63C3FF



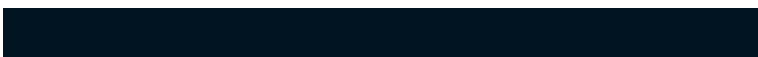
616DC4



575D61



0063A1



001421



# Previews

## White Background



This preview shows how the Hex color C48761 looks on a white background.

## Color Contrast Check

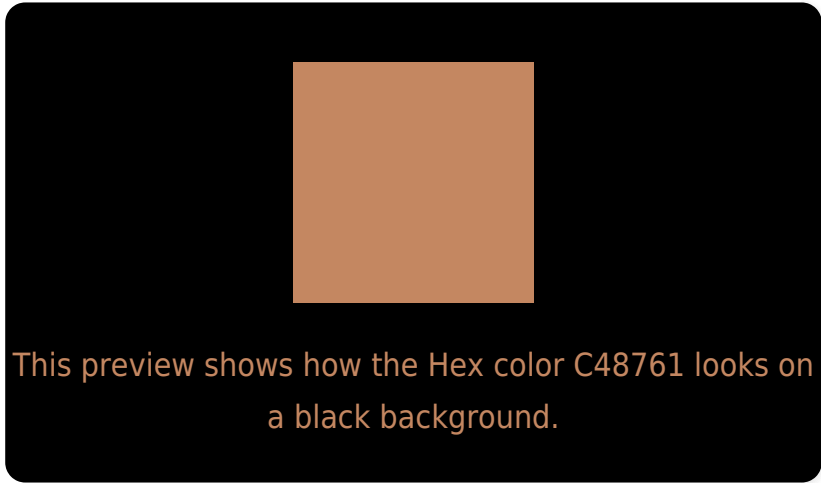
Large Text (above 18pt) WCAG AA ✓ Pass

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

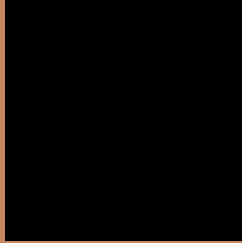
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C48761 Background



This preview shows how black text looks on a background with the Hex color C48761.



This preview shows how white text looks on a background with the Hex color C48761.

# 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**  
C48761

**Protanopia**  
A19567

**Deuteranopia**  
B48E5F

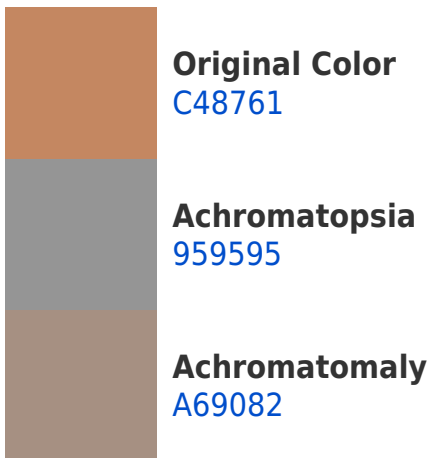


**Tritanopia**  
C7828B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C48761 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 #C48761 looks like.

```
.text, #text, p{  
  color:#C48761  
}
```

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 #C48761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C48761
}
```

## Border

The CSS property to change the border of an element to Hex C48761 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
#C48761 }
```

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

```
.border{ border-color:#C48761 }
```

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

Here you see how a box with a 4 pixel #C48761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C48761; -webkit-box-shadow:4px 4px  
4px 4px #C48761; box-shadow:4px 4px 4px  
4px #C48761 }
```

# Background

The CSS property to change the background color of an element to Hex C48761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C48761 }
```

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

```
.background{ background-color:#C48761 }
```

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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