

Converting Colors

Hex(C76B64)

Have a look what the booklet for
Hex(C76B64) contains.

Hex(C76B64)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C76B64)

Conversions

Conversions Part 1

Format	Color
Hex	C76B64
RGB	199, 107, 100
RGB Percent	78%, 42%, 39%
CMY	0.2196, 0.5804, 0.6078
CMYK	0.00, 0.46, 0.50, 0.22
HSL	4°, 47%, 59%
HSV	4°, 50%, 78%
XYZ	31.1111, 23.5776, 14.9678
YIQ	133.7100, 57.0790, 17.3270

Conversions

Conversions Part 2

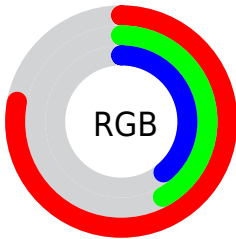
Format	Color
R _Y B	199, 108, 100
Decimal	13069156
CIE Lab	55.66, 35.69, 20.34
CIE LCh	56, 41.082, 29.671
Yxy	23.5776, 0.4466, 0.3385
Android (android.graphics.Color)	4291259236 (0xFFC76B64)
YUV	133.7100, -16.6190, 57.2593
Hunter-Lab	48.5568, 29.3936, 15.7134

Details

The Hex color **C76B64** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64C0C7**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA097**, and **8D3935** is the 20% darker color. If you saturate the color by 10%, you get **C75950**, and if you desaturate by 10%, it is **C77D78**.

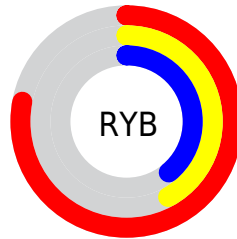
Distribution



Red (78%)

Green (42%)

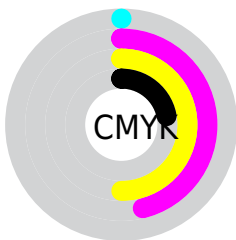
Blue (39%)



Red (78%)

Yellow (42%)

Blue (39%)

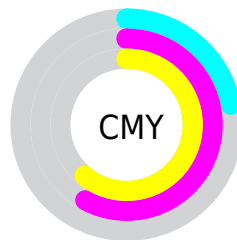


Cyan (0%)

Magenta (46%)

Yellow (50%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76B64 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 C76B64 by changing the saturation by 10% instead.



C76B64



C76B64

FFFFFF



AA524C



FFA097



8D3935



FFBBB2



712020



FFD8CD



56020A



FFF4E9



3B0000



1F0001



000000



C76B64



C76B64



C75950



C77D78

 C7463C

 C7908C

 C73428

 C7A2A0

 C72114

 C7B5B4

 C70F01

 C7C7C8

 C70E00

 C7DADB

 C7ECEF

 C7FFFF

Harmonies

Analogous

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



C66887



C76B64



B77648

Triad

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



C76B64



499460



4589CC

Complementary

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



C76B64



64C0C7

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.



0092C2



C76B64



009784

Square

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



C76B64



778E45



0097A8



877CC3

Rectangle

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



C76B64



A57F3E



0097A8



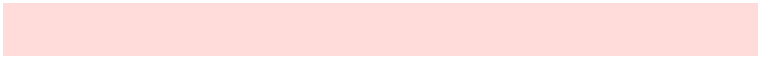
1F8DCB

Sweetspot

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



C76B64



FFDBD9



C764C0



806A69



000000



808080

Same Dimension

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



C76B64



FF7166



C79C64



635A5A



A30C00



240300

Inverse Universe

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



64C0C7



66F4FF



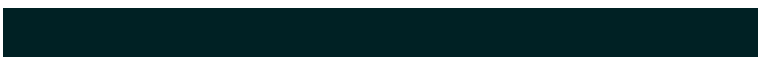
648FC7



5A6363



0098A3



002124

Previews

White Background



This preview shows how the Hex color C76B64 looks on a white background.

Color Contrast Check

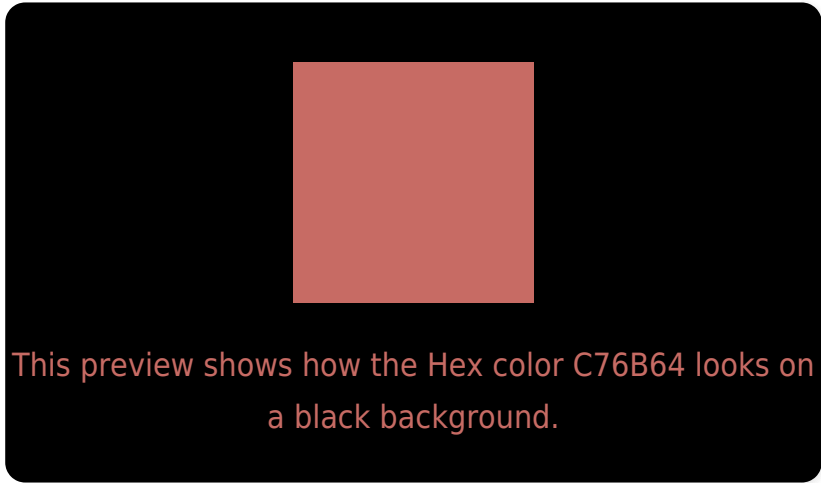
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76B64 Background



This preview shows how black text looks on a background with the Hex color C76B64.



This preview shows how white text looks on a background with the Hex color C76B64.

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](#).

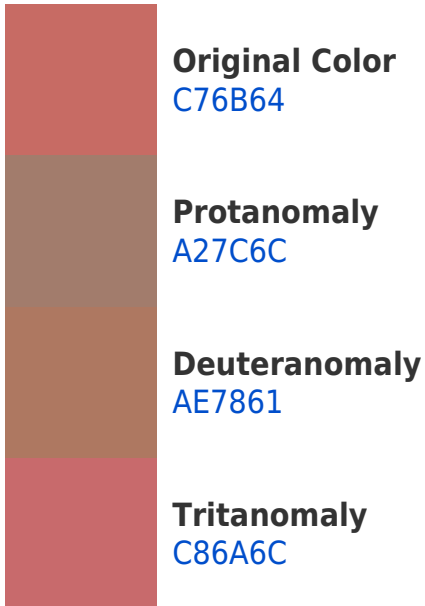
Dichromacy



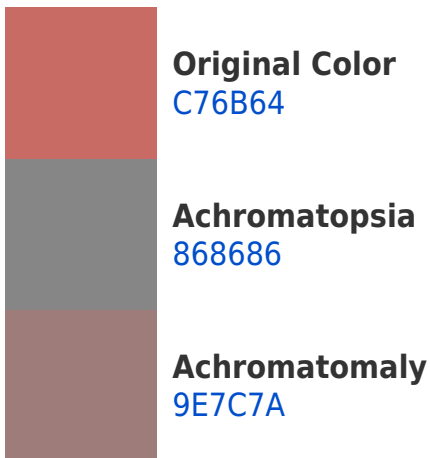


Tritanopia
C86971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C76B64 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 #C76B64 looks like.

```
.text, #text, p{  
    color:#C76B64  
}
```

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 #C76B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76B64
}
```

Border

The CSS property to change the border of an element to Hex C76B64 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
#C76B64 }
```

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

```
.border{ border-color:#C76B64 }
```

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

Here you see how a box with a 4 pixel #C76B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76B64; -webkit-box-shadow:4px 4px  
4px 4px #C76B64; box-shadow:4px 4px 4px  
4px #C76B64 }
```

Background

The CSS property to change the background color of an element to Hex C76B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76B64 }
```

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

```
.background{ background-color:#C76B64 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor