

# Converting Colors

Hex(C47962)

Have a look what the booklet for  
Hex(C47962) contains.

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**Color**

**Hex(C47962)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C47962
RGB	196, 121, 98
RGB Percent	77%, 47%, 38%
CMY	0.2314, 0.5255, 0.6157
CMYK	0.00, 0.38, 0.50, 0.23
HSL	14°, 45%, 58%
HSV	14°, 50%, 77%
XYZ	31.8069, 26.2923, 14.9538
YIQ	140.8030, 52.0830, 8.7470

# Conversions

## Conversions Part 2

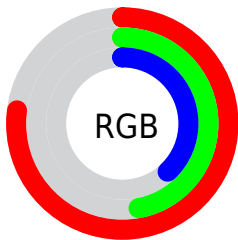
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 128, 98
Decimal	12876130
CIELab	58.31, 26.82, 24.94
CIElCh	58, 36.622, 42.921
Yxy	26.2923, 0.4354, 0.3599
Android (android.graphics.Color)	4291066210 (0xFFC47962)
YUV	140.8030, -21.1019, 48.4078
Hunter-Lab	51.2761, 20.9918, 18.6023

# Details

The Hex color **C47962** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **62ADC4**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFAE95**, and **8B4733** is the 20% darker color. If you saturate the color by 10%, you get **C46A4E**, and if you desaturate by 10%, it is **C48876**.

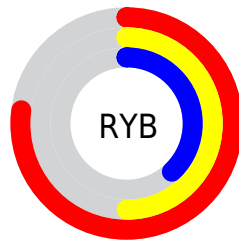
# Distribution



Red (77%)

Green (47%)

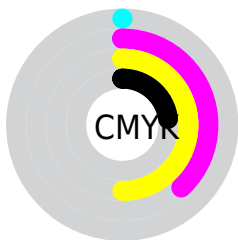
Blue (38%)



Red (77%)

Yellow (50%)

Blue (38%)

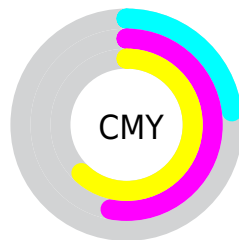


Cyan (0%)

Magenta (38%)

Yellow (50%)

Black (23%)



Cyan (23%)

Magenta (53%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C47962 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 C47962 by changing the saturation by 10% instead.



 C47962

 C47962

FFFFFF

 A7604A

 FFAE95

 8B4733

 FFCAB0

 6F301D

 FFE6CB

 541906

 FFFFFE7

 3A0200

 210001

 000000

 C47962

 C47962

 C46A4E

 C48876

 C45B3B

 C49789

 C44C27

 C4A69D

 C43D14

 C4B5B0

 C42E00

 C4C4C4

 C4D3D8

 C4E2EB

 C4F1FF

 C4FFFF

# Harmonies

## Analogous

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



CA737F



C47962



B0844F

# Triad

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



C47962



449C78



738BCA

# Complementary

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



C47962



62ADC4

# 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.



3295C9



C47962



009D99

# Square

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



C47962



6F975C



009BB7



A17FBB

# Rectangle

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



C47962



9D8B4B



009BB7



608ECC

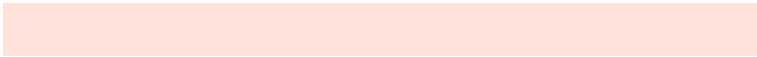


# Sweetspot

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



C47962



FFE2D9



C462AD



806E69



000000



808080



# Same Dimension

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



C47962



FF8A66



C4AA62



615957



A12600



210800



# Inverse Universe

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



62ADC4



66DBFF



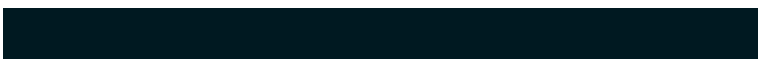
627CC4



575F61



007BA1



001921



# Previews

## White Background



This preview shows how the Hex color C47962 looks on a white background.

## Color Contrast Check

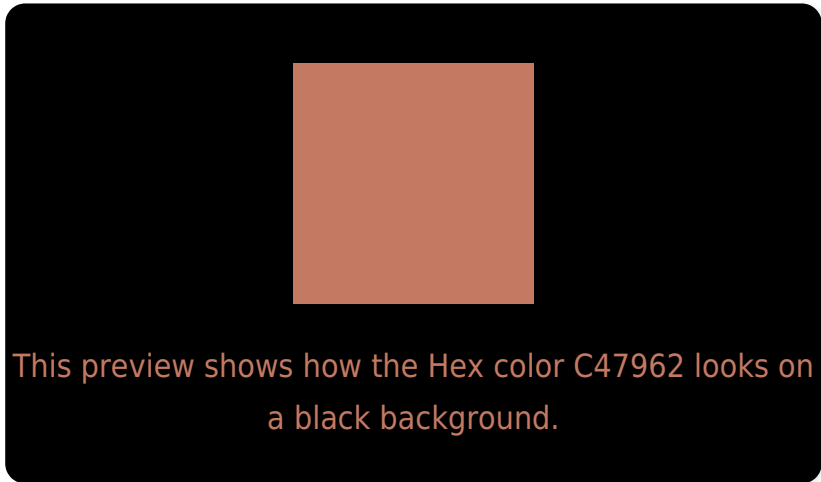
Large Text (above 18pt) WCAG AA ✓ Pass

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

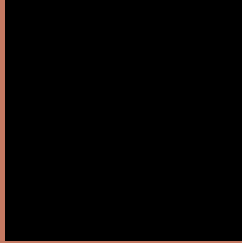
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C47962 Background



This preview shows how black text looks on a background with the Hex color C47962.

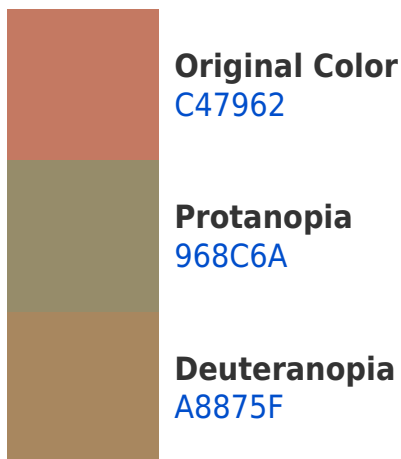


This preview shows how white text looks on a background with the Hex color C47962.

# 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](#).

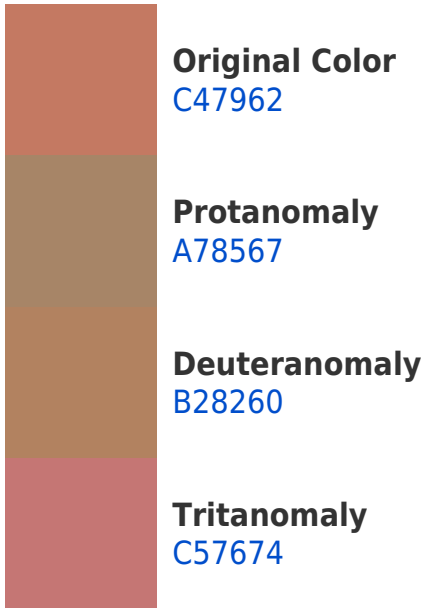
## Dichromacy



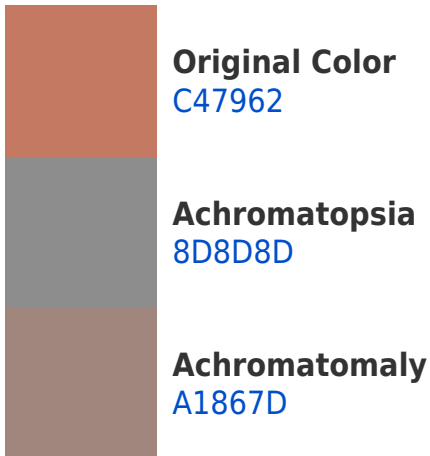


**Tritanopia**  
C6757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C47962 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 #C47962 looks like.

```
.text, #text, p{  
    color:#C47962  
}
```

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 #C47962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47962
}
```

## Border

The CSS property to change the border of an element to Hex C47962 is called "border". The border property can be set on classes, ids or directly on the HTML element.

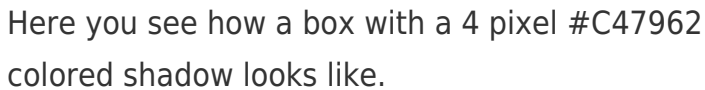
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C47962 }
```

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

```
.border{ border-color:#C47962 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #C47962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47962; -webkit-box-shadow:4px 4px  
4px 4px #C47962; box-shadow:4px 4px 4px  
4px #C47962 }
```

# Background

The CSS property to change the background color of an element to Hex C47962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47962 }
```

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

```
.background{ background-color:#C47962 }
```

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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