

# Converting Colors

Hex(C47467)

Have a look what the booklet for  
Hex(C47467) contains.

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# Color

Hex(C47467)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C47467
RGB	196, 116, 103
RGB Percent	77%, 45%, 40%
CMY	0.2314, 0.5451, 0.5961
CMYK	0.00, 0.41, 0.47, 0.23
HSL	8°, 44%, 59%
HSV	8°, 47%, 77%
XYZ	31.4585, 25.2058, 16.0391
YIQ	138.4380, 51.8530, 12.9170

# Conversions

## Conversions Part 2

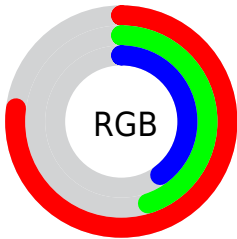
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 118, 103
Decimal	12874855
CIE <sub>Lab</sub>	57.28, 30.02, 20.71
CIE <sub>LCh</sub>	57, 36.471, 34.602
Yxy	25.2058, 0.4327, 0.3467
Android (android.graphics.Color)	4291064935 (0xFFC47467)
YUV	138.4380, -17.4709, 50.4819
Hunter-Lab	50.2054, 23.9880, 16.2024

# Details

The Hex color **C47467** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **67B7C4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA99A**, and **8B4238** is the 20% darker color. If you saturate the color by 10%, you get **C46353**, and if you desaturate by 10%, it is **C4857B**.

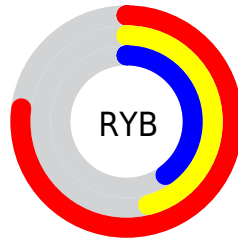
# Distribution



Red (77%)

Green (45%)

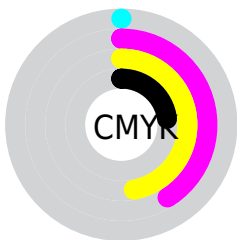
Blue (40%)



Red (77%)

Yellow (46%)

Blue (40%)

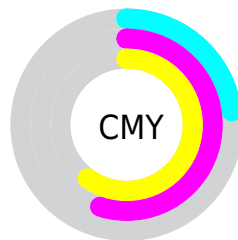


Cyan (0%)

Magenta (41%)

Yellow (47%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C47467 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 C47467 by changing the saturation by 10% instead.



 C47467

 C47467

FFFFFF

 A75B4F

 FFA99A

 8B4238

 FFC5B5

 6F2A22

 FFE1D1

 54120D

 FFFEED

 3A0000

 200001

 000000

 C47467

 C47467

 C46353

 C4857B

 C45240

 C4968E

 C4412C

 C4A7A2

 C43119

 C4B7B5

 C42005

 C4C8C9

 C41B00

 C4D9DD

 C4EAF0

 C4FBFF

 C4FFFF

# Harmonies

## Analogous

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



C57086



C47467



B47E50

# Triad

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



C47467



4F986D



618BC9

# Complementary

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



C47467



67B7C4

# 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.



0F94C2



C47467



0D9A8E

# Square

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



C47467



779254



0099AD



937FBE

# Rectangle

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



C47467



A38649



0099AD



4C8EC8

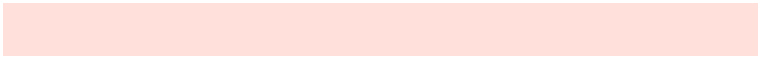


# Sweetspot

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



C47467



FFE0DB



C467B8



806D6A



000000



808080



# Same Dimension

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



C47467



FF826E



C4A267



615957



A11600



210500



# Inverse Universe

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



67B7C4



6EEBFF



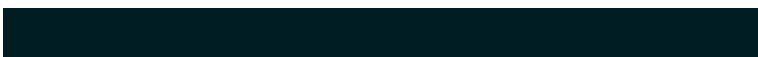
6789C4



576061



008AA1



001D21



# Previews

## White Background



This preview shows how the Hex color C47467 looks on a white background.

## Color Contrast Check

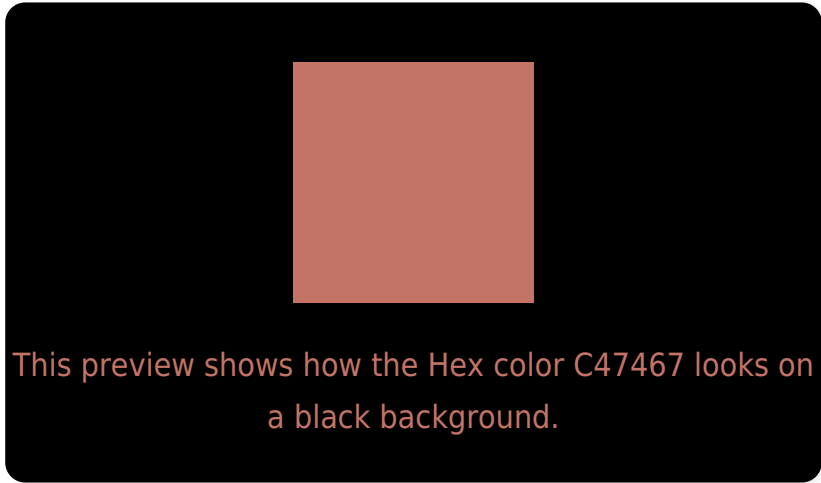
Large Text (above 18pt) WCAG AA ✓ Pass

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 C47467 Background



This preview shows how black text looks on a background with the Hex color C47467.

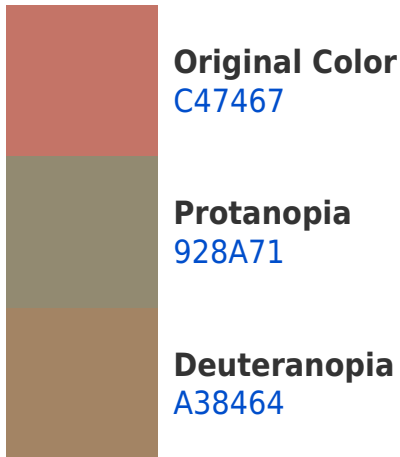


This preview shows how white text looks on a background with the Hex color C47467.

# 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**  
C5717A

# Trichromacy



**Original Color**  
C47467

**Protanomaly**  
A4826D

**Deuteranomaly**  
AF7E65

**Tritanomaly**  
C57273

# Monochromacy



**Original Color**  
C47467

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
9F827D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C47467 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 #C47467 looks like.

```
.text, #text, p{  
    color:#C47467  
}
```

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 #C47467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47467
}
```

## Border

The CSS property to change the border of an element to Hex C47467 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
#C47467 }
```

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

```
.border{ border-color:#C47467 }
```

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

Here you see how a box with a 4 pixel #C47467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47467; -webkit-box-shadow:4px 4px  
4px 4px #C47467; box-shadow:4px 4px 4px  
4px #C47467 }
```

# Background

The CSS property to change the background color of an element to Hex C47467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47467 }
```

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

```
.background{ background-color:#C47467 }
```

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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