

Converting Colors

Hex(C47761)

Have a look what the booklet for
Hex(C47761) contains.

Hex(C47761)	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(C47761)

Conversions

Conversions Part 1

Format	Color
Hex	C47761
RGB	196, 119, 97
RGB Percent	77%, 47%, 38%
CMY	0.2314, 0.5333, 0.6196
CMYK	0.00, 0.39, 0.51, 0.23
HSL	13°, 46%, 57%
HSV	13°, 51%, 77%
XYZ	31.5194, 25.7925, 14.6265
YIQ	139.5150, 52.9540, 9.4820

Conversions

Conversions Part 2

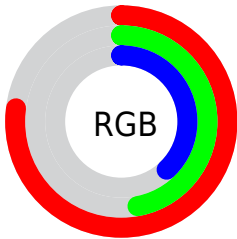
Format	Color
R_{YB}	196, 125, 97
Decimal	12875617
CIE Lab	57.84, 27.81, 24.88
CIE LCh	58, 37.317, 41.816
Yxy	25.7925, 0.4381, 0.3585
Android (android.graphics.Color)	4291065697 (0xFFC47761)
YUV	139.5150, -20.9599, 49.5373
Hunter-Lab	50.7863, 21.9062, 18.4749

Details

The Hex color **C47761** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **61AEC4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFAC94**, and **8B4532** is the 20% darker color. If you saturate the color by 10%, you get **C4684D**, and if you desaturate by 10%, it is **C48675**.

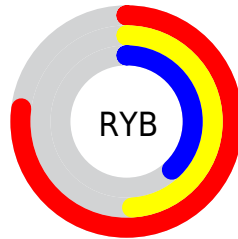
Distribution



Red (77%)

Green (47%)

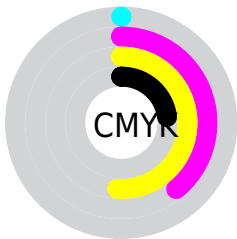
Blue (38%)



Red (77%)

Yellow (49%)

Blue (38%)

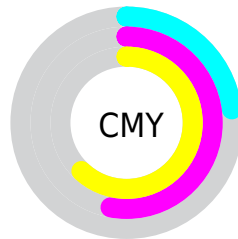


Cyan (0%)

Magenta (39%)

Yellow (51%)

Black (23%)



Cyan (23%)

Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color C47761 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 C47761 by changing the saturation by 10% instead.

 C47761

 C47761

FFFFFF

 A75E49

 FFAC94

 8B4532

 FFC8AF

 6F2E1D

 FFE4CA

 541605

 FFFFFE6

 390000

 200001

 000000

 C47761

 C47761

 C4684D

 C48675

 C4593A

 C49588

 C44926

 C4A59C

 C43A13

 C4B4AF

 C42C00

 C4C3C3

 C4D2D7

 C4E2EA

 C4F1FE

 C4FFFF

Harmonies

Analogous

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



CA717F



C47761



B0824D

Triad

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



C47761



439B76



6F8ACB

Complementary

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



C47761



61AEC4

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.



2894C8



C47761



009C97

Square

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



C47761



6F9659



009AB5



9F7EBC

Rectangle

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



C47761



9E8A49



009AB5



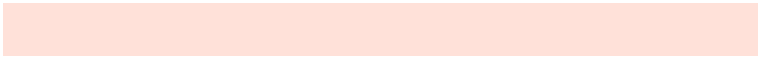
5B8ECC

Sweetspot

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



C47761



FFE1D9



C461AF



806E69



000000



808080

Same Dimension

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



C47761



FF8663



C4A861



615957



A12400



210700

Inverse Universe

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



61AEC4



63DCFF



617DC4



575F61



007DA1



001A21

Previews

White Background



This preview shows how the Hex color C47761 looks on a white background.

Color Contrast Check

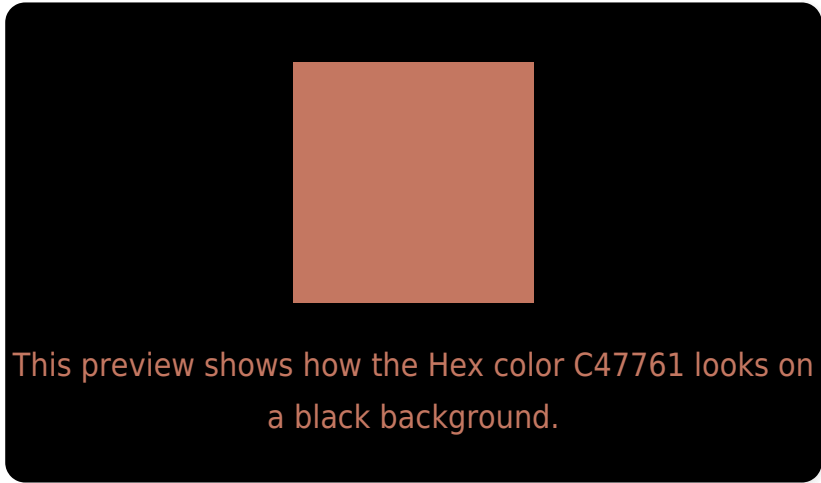
Large Text (above 18pt) WCAG AA ✓ Pass

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

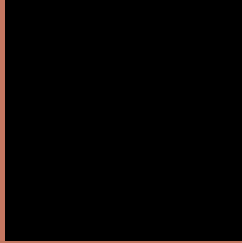
Any Text WCAG AA ✓ Pass

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 C47761 Background



This preview shows how black text looks on a background with the Hex color C47761.



This preview shows how white text looks on a background with the Hex color C47761.

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
C47761

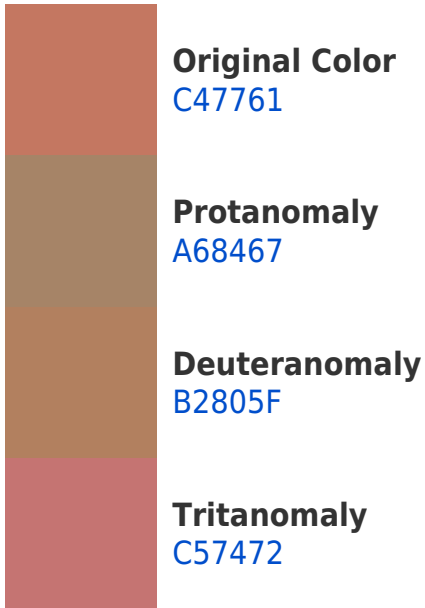
Protanopia
958B6A

Deuteranopia
A7855E

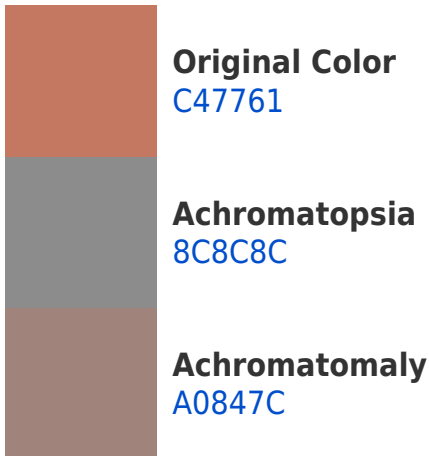


Tritanopia
C6737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C47761 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 #C47761 looks like.

```
.text, #text, p{  
    color:#C47761  
}
```

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 #C47761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47761
}
```

Border

The CSS property to change the border of an element to Hex C47761 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
#C47761 }
```

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

```
.border{ border-color:#C47761 }
```

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

Here you see how a box with a 4 pixel #C47761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47761; -webkit-box-shadow:4px 4px  
4px 4px #C47761; box-shadow:4px 4px 4px  
4px #C47761 }
```

Background

The CSS property to change the background color of an element to Hex C47761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47761 }
```

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

```
.background{ background-color:#C47761 }
```

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