

Converting Colors

Hex(C47A39)

Have a look what the booklet for
Hex(C47A39) contains.

Hex(C47A39)	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(C47A39)

Conversions

Conversions Part 1

Format	Color
Hex	C47A39
RGB	196, 122, 57
RGB Percent	77%, 48%, 22%
CMY	0.2314, 0.5216, 0.7765
CMYK	0.00, 0.38, 0.71, 0.23
HSL	28°, 55%, 50%
HSV	28°, 71%, 77%
XYZ	30.4630, 25.9502, 7.2742
YIQ	136.7160, 64.9690, -4.5270

Conversions

Conversions Part 2

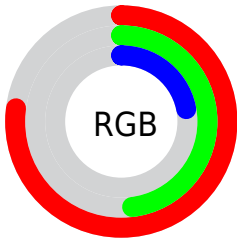
Format	Color
R_{YB}	196, 179, 57
Decimal	12876345
CIE _{Lab}	57.99, 23.25, 46.42
CIE _{LCh}	58, 51.914, 63.390
Yxy	25.9502, 0.4783, 0.4075
Android (android.graphics.Color)	4291066425 (0xFFC47A39)
YUV	136.7160, -39.3000, 51.9921
Hunter-Lab	50.9414, 17.5958, 27.1926

Details

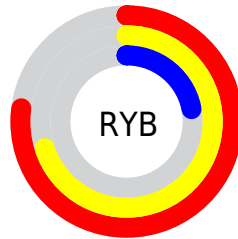
The Hex color **C47A39** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3983C4**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFAF6B**, and **894904** is the 20% darker color. If you saturate the color by 10%, you get **C47025**, and if you desaturate by 10%, it is **C4844D**.

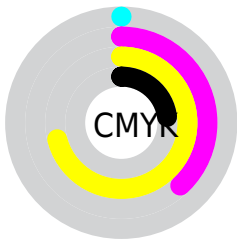
Distribution



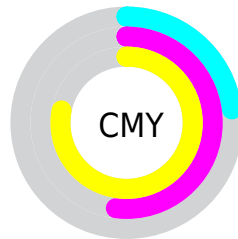
- Red (77%)
- Green (48%)
- Blue (22%)



- Red (77%)
- Yellow (70%)
- Blue (22%)



- Cyan (0%)
- Magenta (38%)
- Yellow (71%)
- Black (23%)



- Cyan (23%)
- Magenta (52%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C47A39 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 C47A39 by changing the saturation by 10% instead.

 C47A39

 C47A39

FFFFFF

 A66120

 FFAF6B

 894904

 FFCA85

 6D3100

 FFE6A0

 511B00

 FFFFBB

 360500

 FFFFFD7

 1C0001

 FFFFF4

 000000

 C47A39

 C47A39

 C47025

 C4844D

 C46512

 C48F60

 C45C00

 C49974

 C4A487

 C4AE9B

 C4B9AF

 C4C3C2

 C4CDD6

 C4D8E9

Harmonies

Analogous

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



DB695C



C47A39



9F8B2A

Triad

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



C47A39



00A28F



947DD7

Complementary

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



C47A39



3983C4

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.



328FE6



C47A39



00A1BC

Square

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



C47A39



2A9E61



009BDC



C76BB5

Rectangle

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



C47A39



819432



009BDC



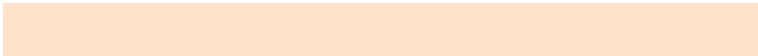
7C83DF

Sweetspot

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



C47A39



FFE2C9



C43983



806F60



000000



808080

Same Dimension

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



C47A39



FF8C26



C4BF39



615C57



A14B00



211000

Inverse Universe

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



3983C4



269AFF



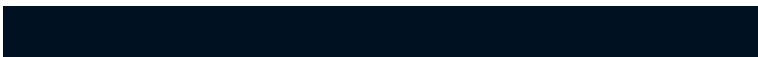
393EC4



575C61



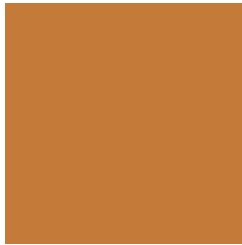
0056A1



001221

Previews

White Background



This preview shows how the Hex color C47A39 looks on a white background.

Color Contrast Check

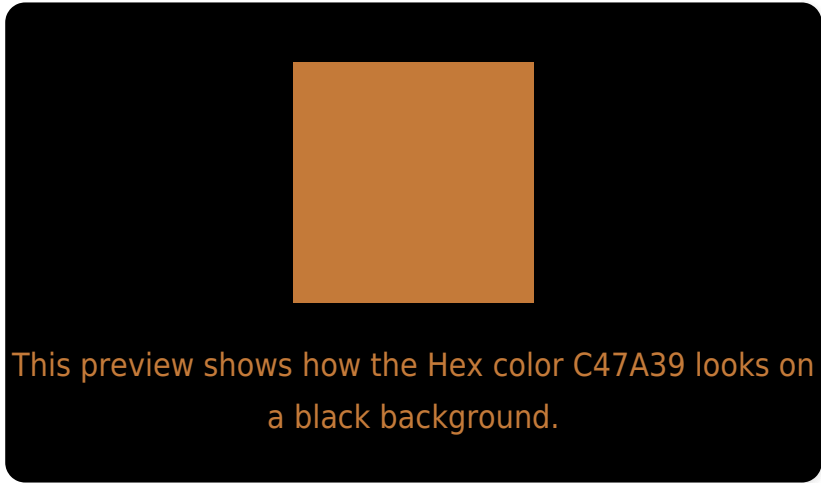
Large Text (above 18pt) WCAG AA ✓ Pass

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

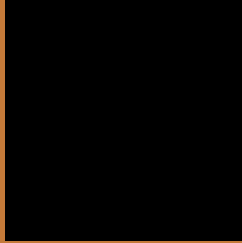
Any Text WCAG AA ✓ Pass

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 C47A39 Background



This preview shows how black text looks on a background with the Hex color C47A39.

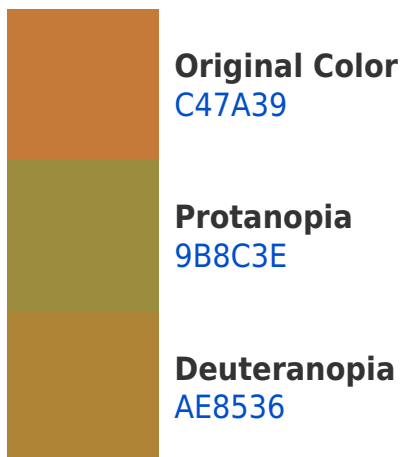


This preview shows how white text looks on a background with the Hex color C47A39.

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](#).

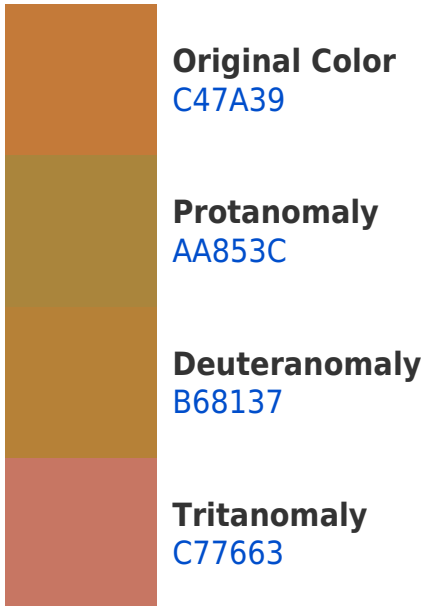
Dichromacy





Tritanopia
C8737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C47A39 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 #C47A39 looks like.

```
.text, #text, p{  
    color:#C47A39  
}
```

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 #C47A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47A39
}
```

Border

The CSS property to change the border of an element to Hex C47A39 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
#C47A39 }
```

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

```
.border{ border-color:#C47A39 }
```

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

Here you see how a box with a 4 pixel #C47A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47A39; -webkit-box-shadow:4px 4px  
4px 4px #C47A39; box-shadow:4px 4px 4px  
4px #C47A39 }
```

Background

The CSS property to change the background color of an element to Hex C47A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47A39 }
```

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

```
.background{ background-color:#C47A39 }
```

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