

Converting Colors

Hex(C48047)

Have a look what the booklet for
Hex(C48047) contains.

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Color

Hex(C48047)

Conversions

Conversions Part 1

Format	Color
Hex	C48047
RGB	196, 128, 71
RGB Percent	77%, 50%, 28%
CMY	0.2314, 0.4980, 0.7216
CMYK	0.00, 0.35, 0.64, 0.23
HSL	27°, 51%, 52%
HSV	27°, 64%, 77%
XYZ	31.6215, 27.6290, 9.6275
YIQ	141.8340, 58.8250, -3.3110

Conversions

Conversions Part 2

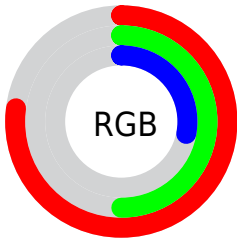
Format	Color
R_{YB}	196, 176, 71
Decimal	12877895
CIE Lab	59.55, 20.80, 41.16
CIE LCh	60, 46.120, 63.188
Yxy	27.6290, 0.4591, 0.4011
Android (android.graphics.Color)	4291067975 (0xFFC48047)
YUV	141.8340, -34.9212, 47.5036
Hunter-Lab	52.5633, 15.3976, 25.9347

Details

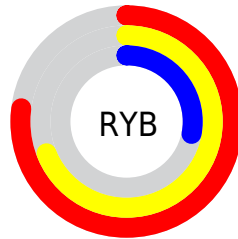
The Hex color **C48047** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **478BC4**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB579**, and **8A4E17** is the 20% darker color. If you saturate the color by 10%, you get **C47533**, and if you desaturate by 10%, it is **C48B5B**.

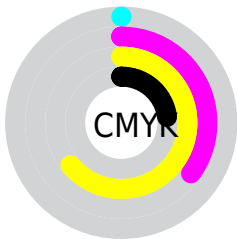
Distribution



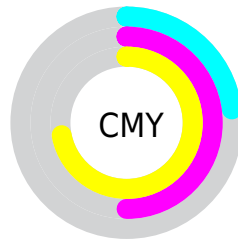
- Red (77%)
- Green (50%)
- Blue (28%)



- Red (77%)
- Yellow (69%)
- Blue (28%)



- Cyan (0%)
- Magenta (35%)
- Yellow (64%)
- Black (23%)



- Cyan (23%)
- Magenta (50%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C48047 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 C48047 by changing the saturation by 10% instead.

 C48047

 C48047

FFFFFF

 A7672F

 FFB579

 8A4E17

 FFD193

 6E3700

 FFEDAE

 532100

 FFFFFCA

 380B00

 FFFFFE7

 210001

 000000

 C48047

 C48047

 C47533

 C48B5B

 C46B20

 C4956E

 C4600C

 C4A082

 C45900

 C4AB95

 C4B5A9

 C4C0BD

 C4CBD0

 C4D5E4

 C4E0F7

Harmonies

Analogous

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



D87265



C48047



A38F3B

Triad

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



C48047



00A493



9883D3

Complementary

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



C48047



478BC4

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.



4D92E0



C48047



00A3BB

Square

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



C48047



42A169



009DD7



C574B5

Rectangle

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



C48047



889741



009DD7



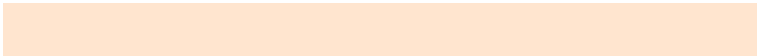
8388DA

Sweetspot

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



C48047



FFE5CF



C4478C



807062



000000



808080

Same Dimension

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



C48047



FF943B



C4BE47



615C57



A14900



210F00

Inverse Universe

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



478BC4



3BA5FF



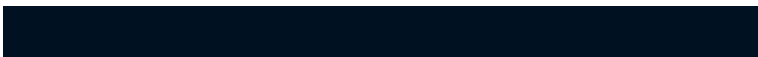
474DC4



575C61



0057A1



001221

Previews

White Background



This preview shows how the Hex color C48047 looks on a white background.

Color Contrast Check

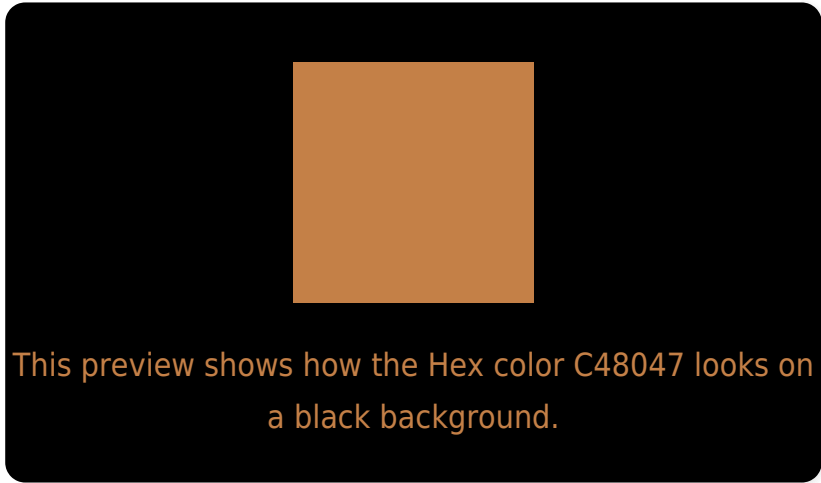
Large Text (above 18pt) WCAG AA ✓ Pass

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

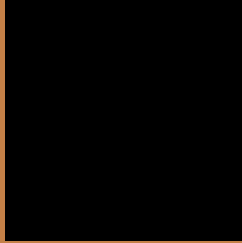
Any Text WCAG AA ✓ Pass

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 C48047 Background



This preview shows how black text looks on a background with the Hex color C48047.



This preview shows how white text looks on a background with the Hex color C48047.

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
C48047

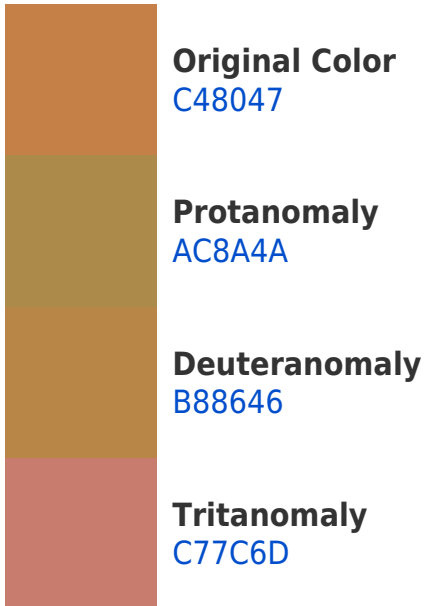
Protanopia
9F904C

Deuteranopia
B18945



Tritanopia
C87982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C48047 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 #C48047 looks like.

```
.text, #text, p{  
    color:#C48047  
}
```

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 #C48047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C48047
}
```

Border

The CSS property to change the border of an element to Hex C48047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

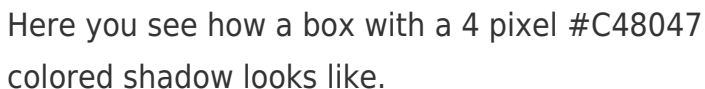
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C48047 }
```

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

```
.border{ border-color:#C48047 }
```

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 #C48047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C48047; -webkit-box-shadow:4px 4px  
4px 4px #C48047; box-shadow:4px 4px 4px  
4px #C48047 }
```

Background

The CSS property to change the background color of an element to Hex C48047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C48047 }
```

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

```
.background{ background-color:#C48047 }
```

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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