

Converting Colors

Hex(C18247)

Have a look what the booklet for
Hex(C18247) contains.

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Color

Hex(C18247)

Conversions

Conversions Part 1

Format	Color
Hex	C18247
RGB	193, 130, 71
RGB Percent	76%, 51%, 28%
CMY	0.2431, 0.4902, 0.7216
CMYK	0.00, 0.33, 0.63, 0.24
HSL	29°, 50%, 52%
HSV	29°, 63%, 76%
XYZ	31.1123, 27.7577, 9.6792
YIQ	142.1110, 56.4870, -4.9930

Conversions

Conversions Part 2

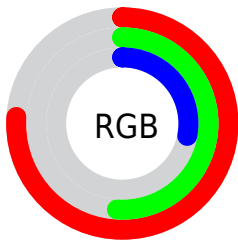
Format	Color
R_{YB}	193, 185, 71
Decimal	12681799
CIE Lab	59.67, 18.43, 41.20
CIE LCh	60, 45.138, 65.903
Yxy	27.7577, 0.4539, 0.4049
Android (android.graphics.Color)	4290871879 (0xFFC18247)
YUV	142.1110, -35.0577, 44.6297
Hunter-Lab	52.6855, 13.2096, 25.9873

Details

The Hex color **C18247** 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 **4786C1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FDB779**, and **875017** is the 20% darker color. If you saturate the color by 10%, you get **C17834**, and if you desaturate by 10%, it is **C18C5A**.

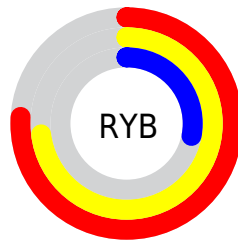
Distribution



Red (76%)

Green (51%)

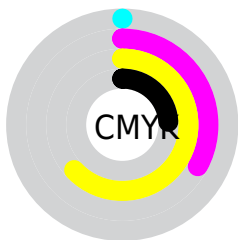
Blue (28%)



Red (76%)

Yellow (73%)

Blue (28%)

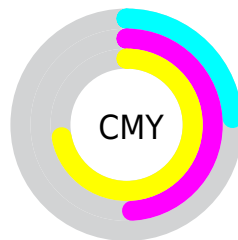


Cyan (0%)

Magenta (33%)

Yellow (63%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C18247 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 C18247 by changing the saturation by 10% instead.

 C18247

 C18247

FFFFFF

 A4692F

 FDB779

 875017

 FFD394

 6C3900

 FFEFAF

 502300

 FFFFCA

 360E00

 FFFF E7

 1F0001

 000000

 C18247

 C18247

 C17834

 C18C5A

 C16E20

 C1966E

 C1640D

 C1A081

 C15D00

 C1AA94

 C1B4A8

 C1BEBB

 C1C8CE

 C1D2E1

 C1DCF5

Harmonies

Analogous

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



D67463



C18247



A0903E

Triad

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



C18247



00A497



9D82D0

Complementary

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



C18247



4786C1

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.



5991DF



C18247



00A2BD

Square

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



C18247



3EA16E



009CD8



C774B1

Rectangle

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



C18247



859845



009CD8



8A87D7

Sweetspot

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



C18247



FAE1CA



C14786



7D6E60



FCFCFC



7D7D7D

Same Dimension

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



C18247



FA983C



C1BF47



615C57



A14E00



211000

Inverse Universe

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



4786C1



3C9EFA



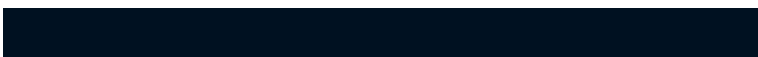
4749C1



575C61



0053A1



001121

Previews

White Background



This preview shows how the Hex color C18247 looks on a white background.

Color Contrast Check

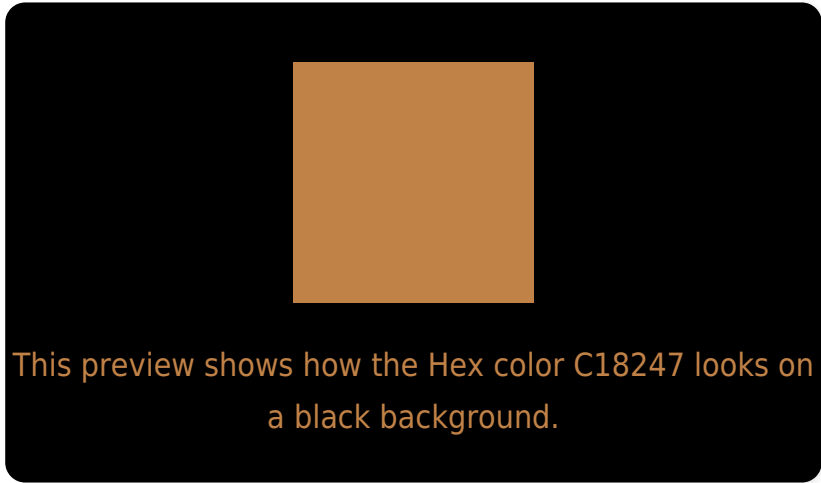
Large Text (above 18pt) WCAG AA ✓ Pass

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

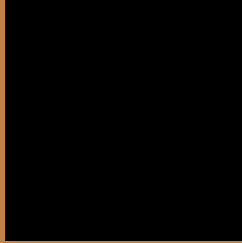
Any Text WCAG AA ✓ Pass

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 C18247 Background



This preview shows how black text looks on a background with the Hex color C18247.



This preview shows how white text looks on a background with the Hex color C18247.

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
C18247

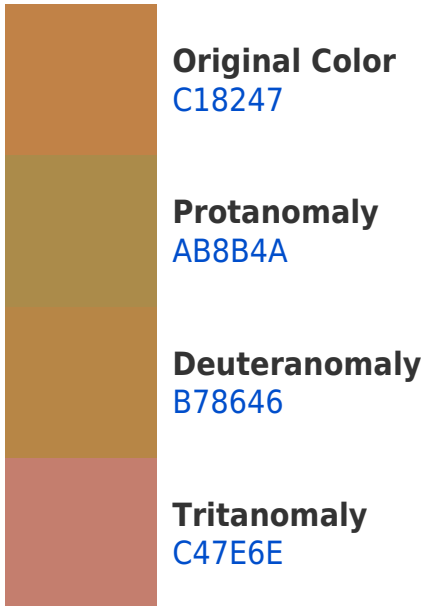
Protanopia
9F904C

Deuteranopia
B28945



Tritanopia
C57B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C18247 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 #C18247 looks like.

```
.text, #text, p{  
    color:#C18247  
}
```

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 #C18247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18247
}
```

Border

The CSS property to change the border of an element to Hex C18247 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
#C18247 }
```

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

```
.border{ border-color:#C18247 }
```

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

Here you see how a box with a 4 pixel #C18247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18247; -webkit-box-shadow:4px 4px  
4px 4px #C18247; box-shadow:4px 4px 4px  
4px #C18247 }
```

Background

The CSS property to change the background color of an element to Hex C18247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18247 }
```

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

```
.background{ background-color:#C18247 }
```

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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