

# Converting Colors

Hex(C18964)

Have a look what the booklet for  
Hex(C18964) contains.

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# **Color**

**Hex(C18964)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C18964
RGB	193, 137, 100
RGB Percent	76%, 54%, 39%
CMY	0.2431, 0.4627, 0.6078
CMYK	0.00, 0.29, 0.48, 0.24
HSL	24°, 43%, 57%
HSV	24°, 48%, 76%
XYZ	33.2382, 30.1489, 16.1241
YIQ	149.5260, 45.2530, 0.3650

# Conversions

## Conversions Part 2

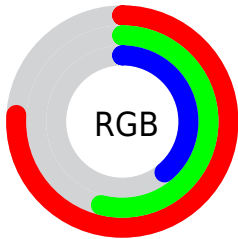
Format	Color
<a href="#">RYB</a>	<a href="#">193, 161, 100</a>
Decimal	<a href="#">12683620</a>
CIELab	<a href="#">61.78, 17.00, 28.30</a>
CIElCh	<a href="#">62, 33.008, 59.009</a>
Yxy	<a href="#">30.1489, 0.4180, 0.3792</a>
Android (android.graphics.Color)	<a href="#">4290873700 (0xFFC18964)</a>
YUV	<a href="#">149.5260, -24.4163, 38.1267</a>
Hunter-Lab	<a href="#">54.9080, 11.9649, 21.0247</a>

# Details

The Hex color **C18964** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **649CC1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FCBF97**, and **895735** is the 20% darker color. If you saturate the color by 10%, you get **C17D51**, and if you desaturate by 10%, it is **C19577**.

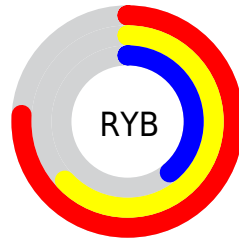
# Distribution



Red (76%)

Green (54%)

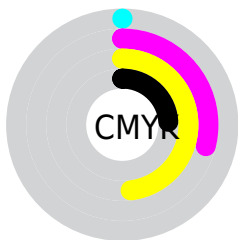
Blue (39%)



Red (76%)

Yellow (63%)

Blue (39%)

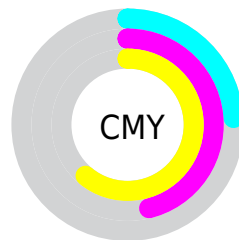


Cyan (0%)

Magenta (29%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (46%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C18964 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 C18964 by changing the saturation by 10% instead.



 C18964

 C18964

FFFFFF

 A56F4C

 FCBF97

 895735

 FFDAB2

 6E3F1E

 FFF7CE

 532907

 FFFFEA

 3A1400

 230000

 000000

 C18964

 C18964

 C17D51

 C19577

 C1723D

 C1A08B

 C1662A

 C1AC9E

 C15B17

 C1B7B1

 C14F03

 C1C3C5

 C14D00

 C1CFD8

 C1DAEB

 C1E6FE

 C1F2FF

# Harmonies

## Analogous

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



CE817A



C18964



AA935A

# Triad

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



C18964



43A593



978EC8

# Complementary

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



C18964



649CC1

# 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.



6A98CF



C18964



22A4B1

# Square

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



C18964



69A276



39A0C7



B984B4

# Rectangle

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



C18964



96995D



39A0C7



8992CC

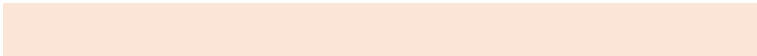


# Sweetspot

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



C18964



FAE5D7



C1649D



7D7068



FCFCFC



7D7D7D



# Same Dimension

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



C18964



FAA369



C1B664



615B57



A14000



210D00



# Inverse Universe

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



649CC1



69C0FA



646FC1



575D61



0061A1



001421



# Previews

## White Background



This preview shows how the Hex color C18964 looks on a white background.

## Color Contrast Check

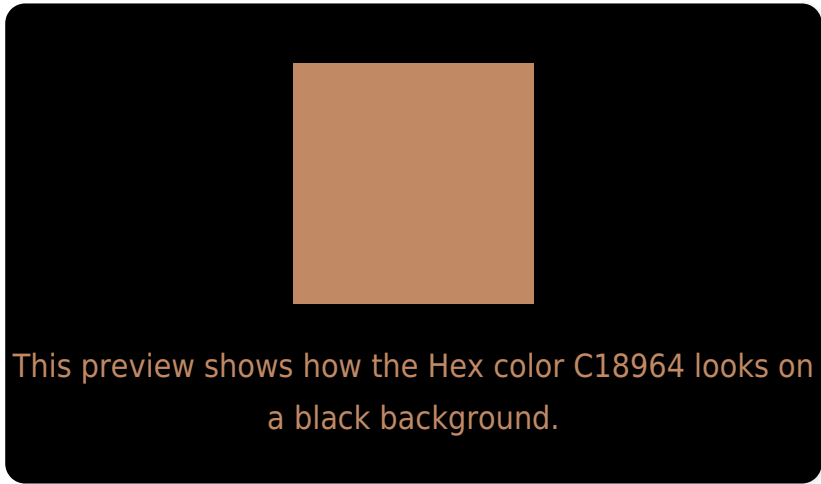
Large Text (above 18pt) WCAG AA × Fail

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

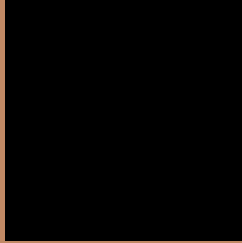
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C18964 Background



This preview shows how black text looks on a background with the Hex color C18964.



This preview shows how white text looks on a background with the Hex color C18964.

# 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**  
C18964

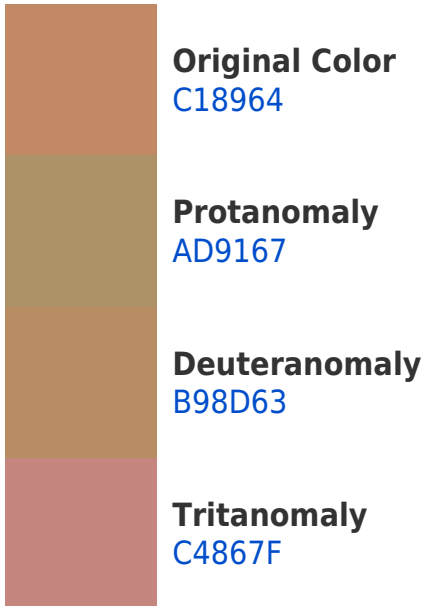
**Protanopia**  
A19569

**Deuteranopia**  
B48F63

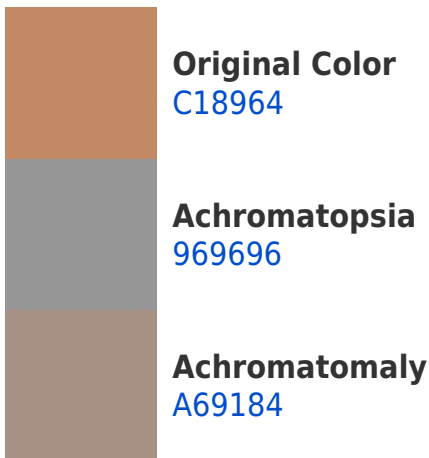


**Tritanopia**  
C5848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C18964 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 #C18964 looks like.

```
.text, #text, p{  
    color:#C18964  
}
```

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 #C18964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18964
}
```

## Border

The CSS property to change the border of an element to Hex C18964 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
#C18964 }
```

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

```
.border{ border-color:#C18964 }
```

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

Here you see how a box with a 4 pixel #C18964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18964; -webkit-box-shadow:4px 4px  
4px 4px #C18964; box-shadow:4px 4px 4px  
4px #C18964 }
```

# Background

The CSS property to change the background color of an element to Hex C18964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18964 }
```

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

```
.background{ background-color:#C18964 }
```

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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