

Converting Colors

Hex(C98A18)

Have a look what the booklet for
Hex(C98A18) contains.

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Color

Hex(C98A18)

Conversions

Conversions Part 1

Format	Color
Hex	C98A18
RGB	201, 138, 24
RGB Percent	79%, 54%, 9%
CMY	0.2118, 0.4588, 0.9059
CMYK	0.00, 0.31, 0.88, 0.21
HSL	39°, 79%, 44%
HSV	39°, 88%, 79%
XYZ	33.3407, 30.6604, 5.0250
YIQ	143.8410, 74.1420, -22.0980

Conversions

Conversions Part 2

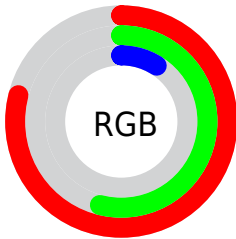
Format	Color
R _Y B	122, 201, 24
Decimal	13208088
CIE Lab	62.22, 15.47, 63.12
CIE LCh	62, 64.992, 76.228
Yxy	30.6604, 0.4830, 0.4442
Android (android.graphics.Color)	4291398168 (0xFFC98A18)
YUV	143.8410, -59.0816, 50.1284
Hunter-Lab	55.3718, 10.5785, 33.3798

Details

The Hex color **C98A18** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1857C9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFBF52**, and **8D5800** is the 20% darker color. If you saturate the color by 10%, you get **C98304**, and if you desaturate by 10%, it is **C9912C**.

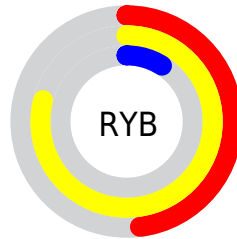
Distribution



Red (79%)

Green (54%)

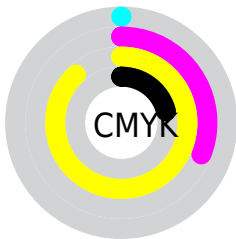
Blue (9%)



Red (48%)

Yellow (79%)

Blue (9%)

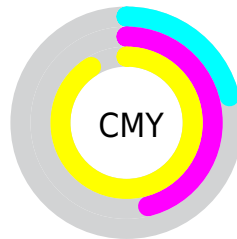


Cyan (0%)

Magenta (31%)

Yellow (88%)

Black (21%)



Cyan (21%)

Magenta (46%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color C98A18 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 C98A18 by changing the saturation by 10% instead.

 C98A18

 C98A18

FFFFFF

 AB7100

 FFBF52

 8D5800

 FFDB6D

 714100

 FFF888

 542B00

 FFFFFA4

 391600

 FFFFC0

 220000

 FFFFDC

 000000

 FFFFFFFA

 C98A18

 C98A18

 C98304

 C9912C

 C98100

 C99840

 C99F54

 C9A768

 C9AE7D

 C9B591

 C9BCA5

 C9C3B9

 C9CACD

Harmonies

Analogous

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



EE7245



C98A18



959D12

Triad

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



C98A18



00B2B5



C179E7

Complementary

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



C98A18



1857C9

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.



5E92FF



C98A18



00AEE9

Square

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



C98A18



00B079



00A4FF



F162B3

Rectangle

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



C98A18



6BA630



00A4FF



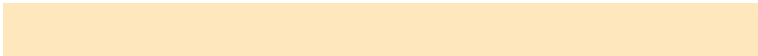
A782F4

Sweetspot

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



C98A18



FFE7BD



C91859



807158



000000



808080

Same Dimension

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



C98A18



FFA400



B1C918



63605A



A36900



241700

Inverse Universe

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



1857C9



005BFF



3018C9



5A5D63



003AA3



000D24

Previews

White Background



This preview shows how the Hex color C98A18 looks on a white background.

Color Contrast Check

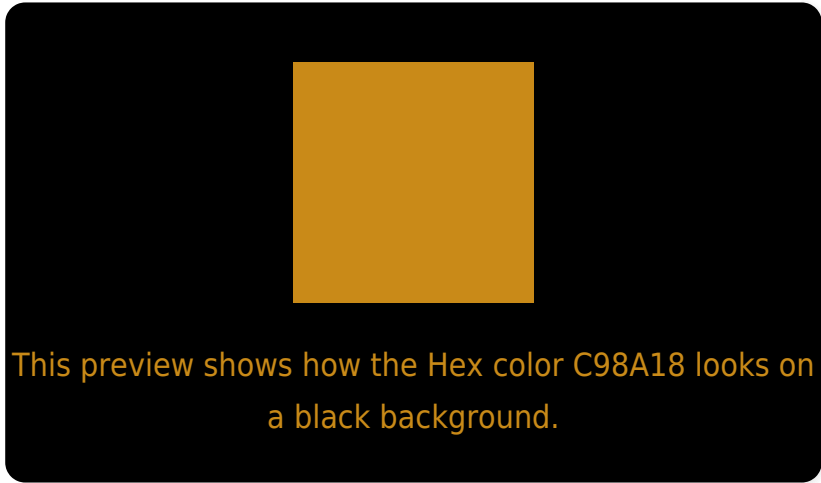
Large Text (above 18pt) WCAG AA × Fail

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 C98A18 Background



This preview shows how black text looks on a background with the Hex color C98A18.



This preview shows how white text looks on a background with the Hex color C98A18.

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
C98A18

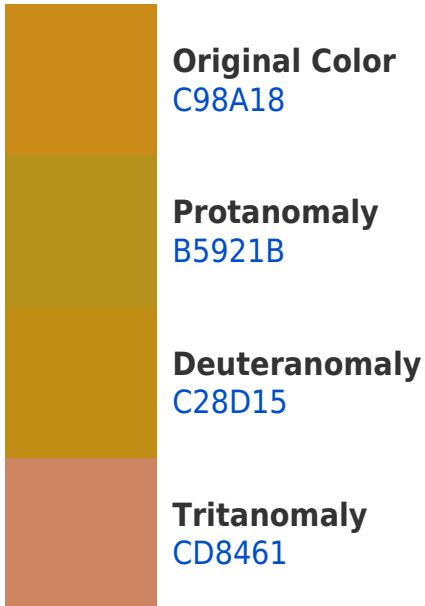
Protanopia
AA971C

Deuteranopia
BE8F14



Tritanopia
CF808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C98A18 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 #C98A18 looks like.

```
.text, #text, p{  
    color:#C98A18  
}
```

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 #C98A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C98A18
}
```

Border

The CSS property to change the border of an element to Hex C98A18 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
#C98A18 }
```

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

```
.border{ border-color:#C98A18 }
```

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

Here you see how a box with a 4 pixel #C98A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C98A18; -webkit-box-shadow:4px 4px  
4px 4px #C98A18; box-shadow:4px 4px 4px  
4px #C98A18 }
```

Background

The CSS property to change the background color of an element to Hex C98A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C98A18 }
```

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

```
.background{ background-color:#C98A18 }
```

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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