

Converting Colors

Hex(C98948)

Have a look what the booklet for
Hex(C98948) contains.

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Color

Hex(C98948)

Conversions

Conversions Part 1	
Format	Color
Hex	C98948
RGB	201, 137, 72
RGB Percent	79%, 54%, 28%
CMY	0.2118, 0.4627, 0.7176
CMYK	0.00, 0.32, 0.64, 0.21
HSL	30°, 54%, 54%
HSV	30°, 64%, 79%
XYZ	34.2028, 30.7767, 10.2687
YIQ	148.7260, 59.0090, -6.6470

Conversions

Conversions Part 2

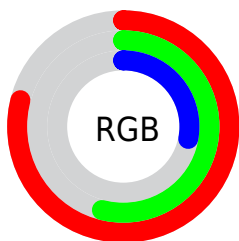
Format	Color
RYB	199, 201, 72
Decimal	13207880
CIELab	62.32, 18.06, 44.00
CIELCh	62, 47.558, 67.682
Yxy	30.7767, 0.4545, 0.4090
Android (android.graphics.Color)	4291397960 (0xFFC98948)
YUV	148.7260, -37.8259, 45.8443
Hunter-Lab	55.4768, 12.9652, 27.8592

Details

The Hex color **C98948** 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 **4888C9**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFBE7B**, and **8F5717** is the 20% darker color. If you saturate the color by 10%, you get **C97F34**, and if you desaturate by 10%, it is **C9935C**.

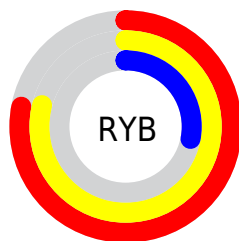
Distribution



Red (79%)

Green (54%)

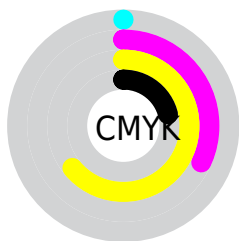
Blue (28%)



Red (78%)

Yellow (79%)

Blue (28%)

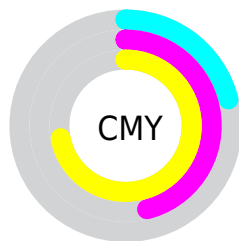


Cyan (0%)

Magenta (32%)

Yellow (64%)

Black (21%)



Cyan (21%)

Magenta (46%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C98948 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 C98948 by changing the saturation by 10% instead.

 C98948

FFFFFF

 FFBE7B

 FFDA95

 FFF7B0

 FFFFCC

 FFFFE8

 C98948

 AC7030

 8F5717

 734000

 572900

 3C1400

 250000

 000000

 C98948

 C97F34

 C98948

 C9935C

 C97520

 C99D70

 C96B0C

 C9A784

 C96500

 C9B198

 C9BBAD

 C9C5C1

 C9CFD5

 C9D9E9

 C9E3FD

Harmonies

Analogous

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



E07A65



C98948



A5983F

Triad

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



C98948



00ACA1



A887DA

Complementary

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



C98948



4888C9

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.



6197EA



C98948



00AAC9

Square

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



C98948



3AAA75



00A4E4



D378B8

Rectangle

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



C98948



88A049



00A4E4



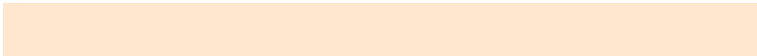
948DE1

Sweetspot

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



C98948



FFE7CF



C94889



807162



000000



808080

Same Dimension

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



C98948



FF9E3B



C9C948



635F5A



A35200



241200

Inverse Universe

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



4888C9



3B9CFF



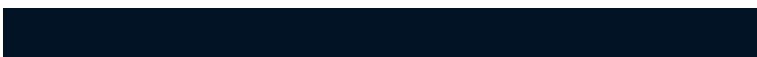
4848C9



5A5E63



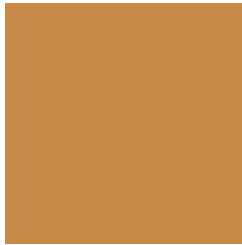
0051A3



001224

Previews

White Background



This preview shows how the Hex color C98948 looks on a white background.

Color Contrast Check

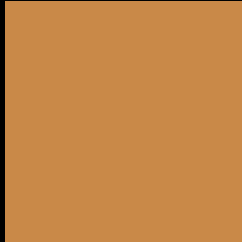
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C98948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

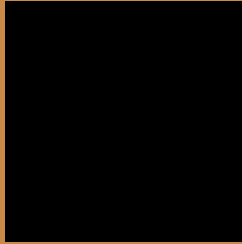
Any Text WCAG AA ✓ Pass

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 C98948 Background



This preview shows how black text looks on a background with the Hex color C98948.



This preview shows how white text looks on a background with the Hex color C98948.

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

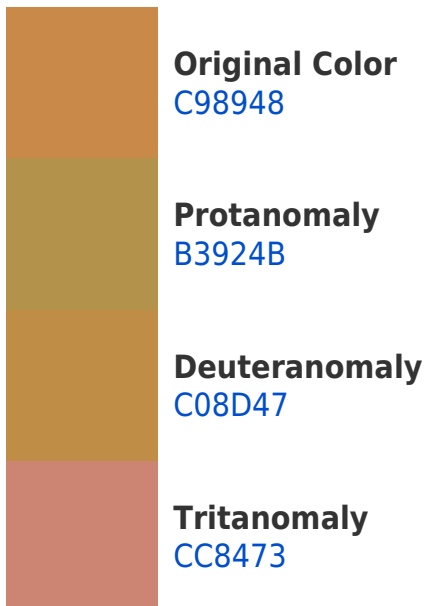


Original Color
C98948

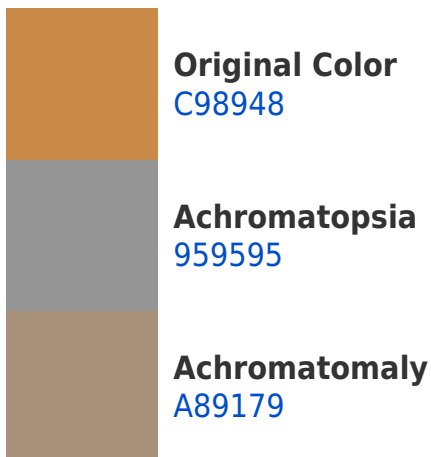
Protanopia
A7974D

Deuteranopia
BB9046

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C98948 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 #C98948 looks like.

```
.text, #text, p{  
    color:#C98948  
}
```

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 #C98948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C98948
}
```

Border

The CSS property to change the border of an element to Hex C98948 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
#C98948 }
```

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

```
.border{ border-color:#C98948 }
```

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

Here you see how a box with a 4 pixel #C98948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C98948; -webkit-box-shadow:4px 4px  
4px 4px #C98948; box-shadow:4px 4px 4px  
4px #C98948 }
```

Background

The CSS property to change the background color of an element to Hex C98948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C98948 }
```

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

```
.background{ background-color:#C98948 }
```

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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