

Converting Colors

Hex(C98404)

Have a look what the booklet for
Hex(C98404) contains.

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Color

Hex(C98404)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C98404 |
| RGB | 201, 132, 4 |
| RGB Percent | 79%, 52%, 2% |
| CMY | 0.2118, 0.4824, 0.9843 |
| CMYK | 0.00, 0.34, 0.98, 0.21 |
| HSL | 39°, 96%, 40% |
| HSV | 39°, 98%, 79% |
| XYZ | 32.3606, 28.9288, 3.9931 |
| YIQ | 138.0390, 82.2120, -25.1800 |

Conversions

Conversions Part 2

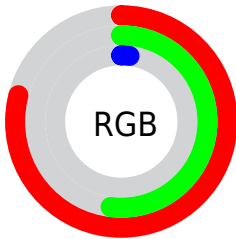
| Format | Color |
|-------------------------------------|--|
| RYB | 110, 201, 4 |
| Decimal | 13206532 |
| CIELab | 60.72, 18.45, 65.83 |
| CIElCh | 61, 68.364, 74.340 |
| Yxy | 28.9288, 0.4957, 0.4431 |
| Android (android.graphics.Color) | 4291396612 (0xFFC98404) |
| YUV | 138.0390, -66.0812, 55.2168 |
| Hunter-Lab | 53.7855, 13.2716, 33.2481 |

Details

The Hex color **C98404** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0449C9**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB948**, and **8D5300** is the 20% darker color. If you saturate the color by 10%, you get **C98300**, and if you desaturate by 10%, it is **C98B18**.

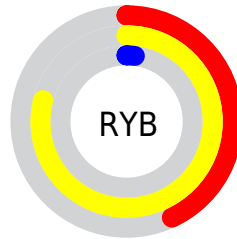
Distribution



Red (79%)

Green (52%)

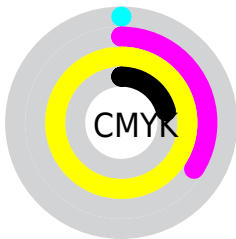
Blue (2%)



Red (43%)

Yellow (79%)

Blue (2%)

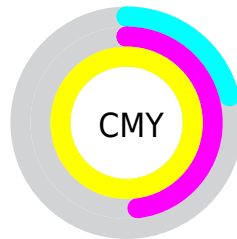


Cyan (0%)

Magenta (34%)

Yellow (98%)

Black (21%)



Cyan (21%)

Magenta (48%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C98404 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 C98404 by changing the saturation by 10% instead.

 C98404

 C98404

FFFFFF

 AB6B00

 FFB948

 8D5300

 FFD563

 703B00

 FFF17E

 532500

 FFFF9A

 381000

 FFFFFB6

 220000

 FFFFFD2

 000000

 FFFFFEF

 C98404

 C98404

 C98300

 C98B18

 C9922C

 C99940

 C9A054

 C9A769

 C9AE7D

 C9B591

 C9BCA5

 C9C3B9

Harmonies

Analogous

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



EF6A40



C98404



949900

Triad

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



C98404



00AEAF



B975EA

Complementary

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



C98404



0449C9

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.



4590FF



C98404



00ACE6

Square

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



C98404



00AC70



00A2FF



EE5AB5

Rectangle

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



C98404



69A220



00A2FF



9E7EF7

Sweetspot

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



C98404



FFE5B5



C9044C



807053



000000



808080

Same Dimension

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



C98404



FFA600



AFC904



63605A



A36A00



241700

Inverse Universe

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



0449C9



0059FF



1E04C9



5A5D63



0039A3



000D24

Previews

White Background



This preview shows how the Hex color C98404 looks on a white background.

Color Contrast Check

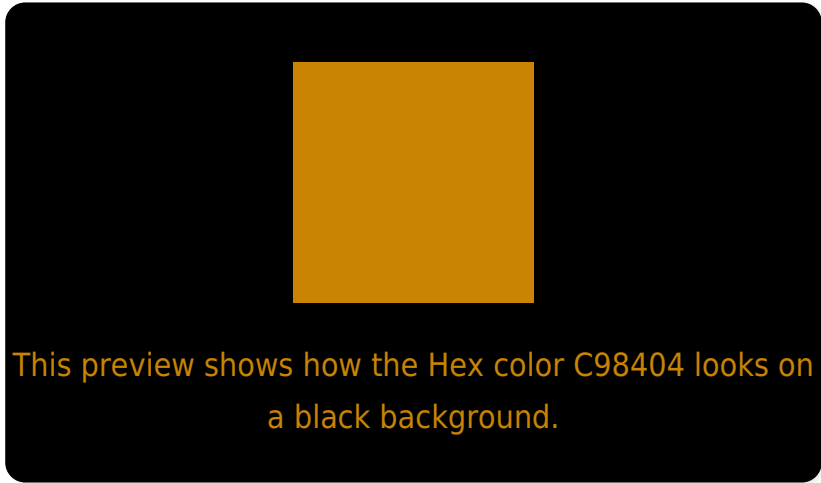
Large Text (above 18pt) WCAG AA ✓ Pass

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 C98404 Background



This preview shows how black text looks on a background with the Hex color C98404.



This preview shows how white text looks on a background with the Hex color C98404.

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
C98404

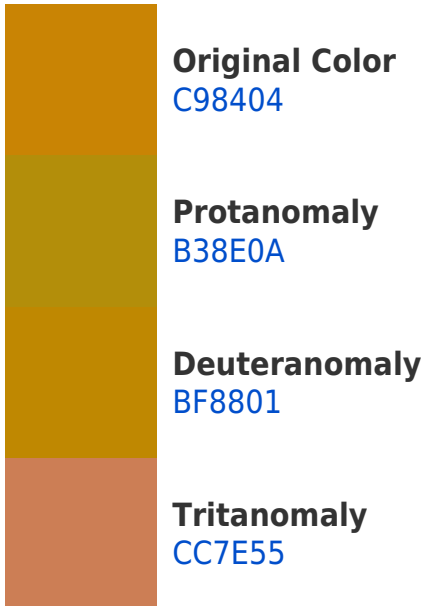
Protanopia
A6930E

Deuteranopia
BA8B00

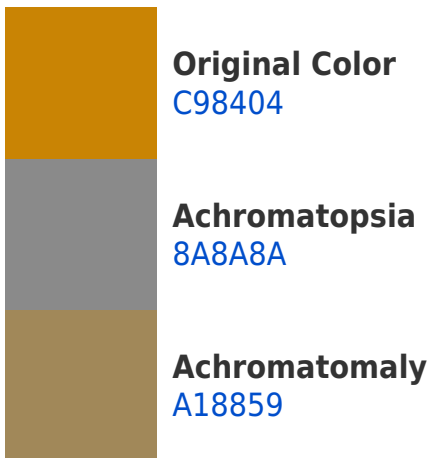


Tritanopia
CE7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C98404 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 #C98404 looks like.

```
.text, #text, p{  
    color:#C98404  
}
```

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 #C98404 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C98404
}
```

Border

The CSS property to change the border of an element to Hex C98404 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
#C98404 }
```

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

```
.border{ border-color:#C98404 }
```

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

Here you see how a box with a 4 pixel #C98404 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C98404; -webkit-box-shadow:4px 4px  
4px 4px #C98404; box-shadow:4px 4px 4px  
4px #C98404 }
```

Background

The CSS property to change the background color of an element to Hex C98404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C98404 }
```

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

```
.background{ background-color:#C98404 }
```

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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