

# Converting Colors

Hex(C98820)

Have a look what the booklet for  
Hex(C98820) contains.

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**Color**

**Hex(C98820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C98820
RGB	201, 136, 32
RGB Percent	79%, 53%, 13%
CMY	0.2118, 0.4667, 0.8745
CMYK	0.00, 0.32, 0.84, 0.21
HSL	37°, 73%, 46%
HSV	37°, 84%, 79%
XYZ	33.1523, 30.1301, 5.4349
YIQ	143.5790, 72.1240, -18.5640

# Conversions

## Conversions Part 2

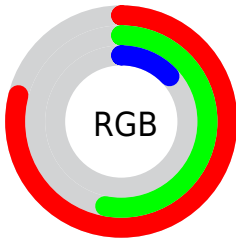
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 201, 32
Decimal	13207584
CIELab	61.77, 16.76, 60.44
CIELCh	62, 62.722, 74.500
Yxy	30.1301, 0.4824, 0.4385
Android (android.graphics.Color)	4291397664 (0xFFC98820)
YUV	143.5790, -55.0084, 50.3582
Hunter-Lab	54.8909, 11.7489, 32.5532

# Details

The Hex color **C98820** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2061C9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFBD57**, and **8E5600** is the 20% darker color. If you saturate the color by 10%, you get **C9800C**, and if you desaturate by 10%, it is **C99034**.

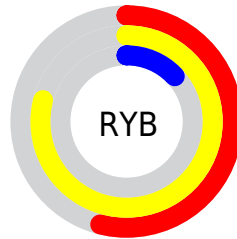
# Distribution



Red (79%)

Green (53%)

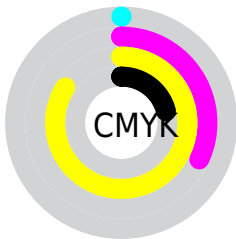
Blue (13%)



Red (54%)

Yellow (79%)

Blue (13%)

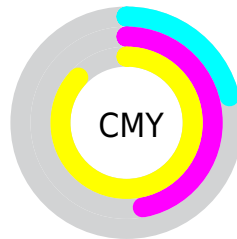


Cyan (0%)

Magenta (32%)

Yellow (84%)

Black (21%)



Cyan (21%)

Magenta (47%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C98820 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 C98820 by changing the saturation by 10% instead.



 C98820

 C98820

FFFFFF

 AB6F00

 FFBD57

 8E5600

 FFD972

 713F00

 FFF58D

 542900

 FFFFFA8

 391400

 FFFFC4

 220000

 FFFFFE1

 000000

FFFFFFE

 C98820

 C98820

 C9800C

 C99034

 C97C00

 C99748

 C99F5C

 C9A770

 C9AF85

 C9B699

 C9BEAD

 C9C6C1

 C9CED5

# Harmonies

## Analogous

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



EC7149



C98820



989B18

# Triad

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



C98820



00B0AF



BA7AE5

# Complementary

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



C98820



2061C9

# 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.



5992FF



C98820



00ADE2

# Square

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



C98820



00AE76



00A4FF



EB64B4

# Rectangle

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



C98820



70A431



00A4FF



A183F1



# Sweetspot

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



C98820



FFE6BF



C92064



807159



000000



808080



# Same Dimension

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



C98820



FF9D00



B8C920



63605A



A36400



241600



# Inverse Universe

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



2061C9



0062FF



3120C9



5A5D63



003FA3



000E24



# Previews

## White Background



This preview shows how the Hex color C98820 looks on a white background.

## Color Contrast Check

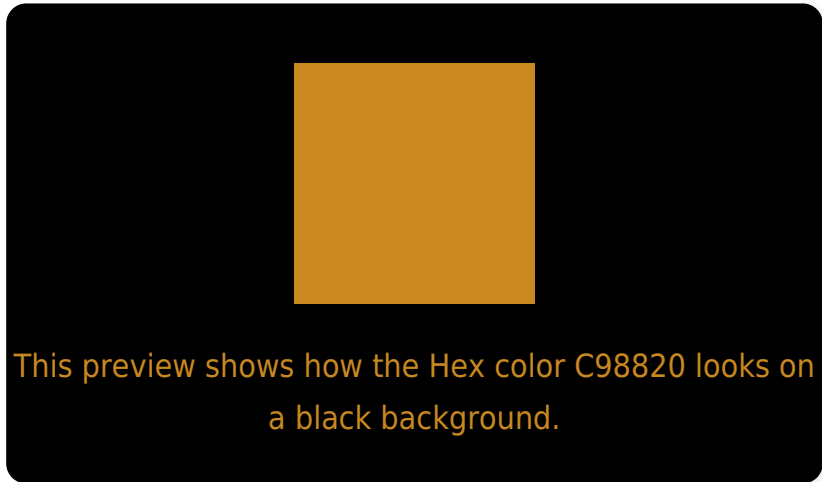
Large Text (above 18pt) WCAG AA × Fail

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 C98820 Background



This preview shows how black text looks on a background with the Hex color C98820.



This preview shows how white text looks on a background with the Hex color C98820.

# 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**  
C98820

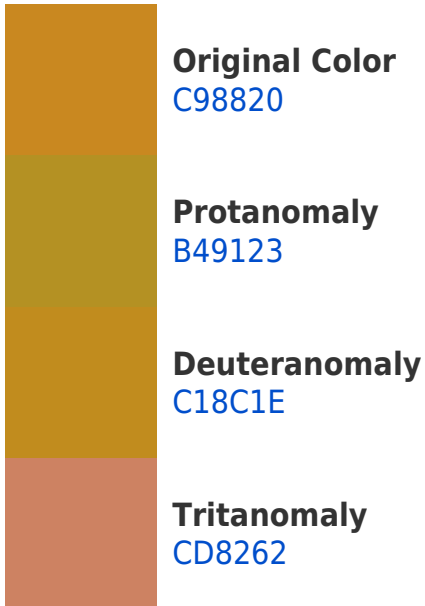
**Protanopia**  
A89624

**Deuteranopia**  
BD8E1D



**Tritanopia**  
CF7F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C98820 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 #C98820 looks like.

```
.text, #text, p{  
    color:#C98820  
}
```

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 #C98820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C98820
}
```

## Border

The CSS property to change the border of an element to Hex C98820 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
#C98820 }
```

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

```
.border{ border-color:#C98820 }
```

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

Here you see how a box with a 4 pixel #C98820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C98820; -webkit-box-shadow:4px 4px  
4px 4px #C98820; box-shadow:4px 4px 4px  
4px #C98820 }
```

# Background

The CSS property to change the background color of an element to Hex C98820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C98820 }
```

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

```
.background{ background-color:#C98820 }
```

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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