

# Converting Colors

Hex(C98E41)

Have a look what the booklet for  
Hex(C98E41) contains.

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**Color**

**Hex(C98E41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C98E41
RGB	201, 142, 65
RGB Percent	79%, 56%, 25%
CMY	0.2118, 0.4431, 0.7451
CMYK	0.00, 0.29, 0.68, 0.21
HSL	34°, 56%, 52%
HSV	34°, 68%, 79%
XYZ	34.7145, 32.1452, 9.3760
YIQ	150.8630, 59.8810, -11.4390

# Conversions

## Conversions Part 2

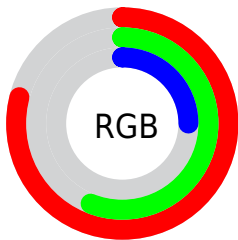
Format	Color
<a href="#">RYB</a>	<a href="#">169, 201, 65</a>
Decimal	<a href="#">13209153</a>
CIELab	<a href="#">63.46, 14.89, 48.69</a>
CIElCh	<a href="#">63, 50.914, 72.991</a>
Yxy	<a href="#">32.1452, 0.4554, 0.4217</a>
Android (android.graphics.Color)	<a href="#">4291399233 (0xFFC98E41)</a>
YUV	<a href="#">150.8630, -42.3305, 43.9701</a>
Hunter-Lab	<a href="#">56.6967, 10.0736, 29.8828</a>

# Details

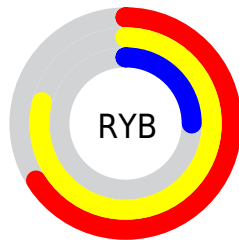
The Hex color **C98E41** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **417CC9**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC474**, and **8F5C0B** is the 20% darker color. If you saturate the color by 10%, you get **C9852D**, and if you desaturate by 10%, it is **C99755**.

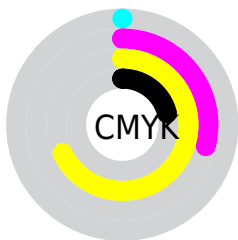
# Distribution



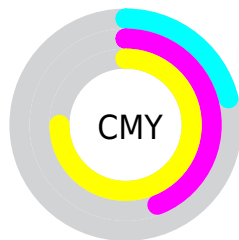
- Red (79%)
- Green (56%)
- Blue (25%)



- Red (66%)
- Yellow (79%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (68%)
- Black (21%)



- Cyan (21%)
- Magenta (44%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C98E41 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 C98E41 by changing the saturation by 10% instead.



 C98E41

 C98E41

FFFFFF

 AC7428

 FFC474

 8F5C0B

 FFE08E

 734400

 FFFCAA

 572E00

 FFFFFC5

 3C1900

 FFFFFE2

 240000

 000000

 C98E41

 C98E41

 C9852D

 C99755

 C97D19

 C99F69

 C97405

 C9A87D

 C97200

 C9B191

 C9BAA6

 C9C2BA

 C9CBCE

 C9D4E2

 C9DCF6

# Harmonies

## Analogous

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



E57D5E



C98E41



A19D3C

# Triad

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



C98E41



00B0AD



B686DC

# Complementary

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



C98E41



417CC9

# 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.



6F98F2



C98E41



00AED6

# Square

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



C98E41



15AF7E



00A6F0



E076B5

# Rectangle

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



C98E41



80A54A



00A6F0



A28CE6

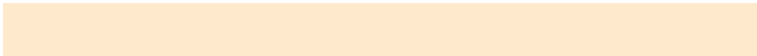


# Sweetspot

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



C98E41



FFE9CC



C9417E



807261



000000



808080



# Same Dimension

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



C98E41



FFA530



C2C941



635F5A



A35C00



241400



# Inverse Universe

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



417CC9



308AFF



4841C9



5A5E63



0047A3



000F24



# Previews

## White Background



This preview shows how the Hex color C98E41 looks on a white background.

## Color Contrast Check

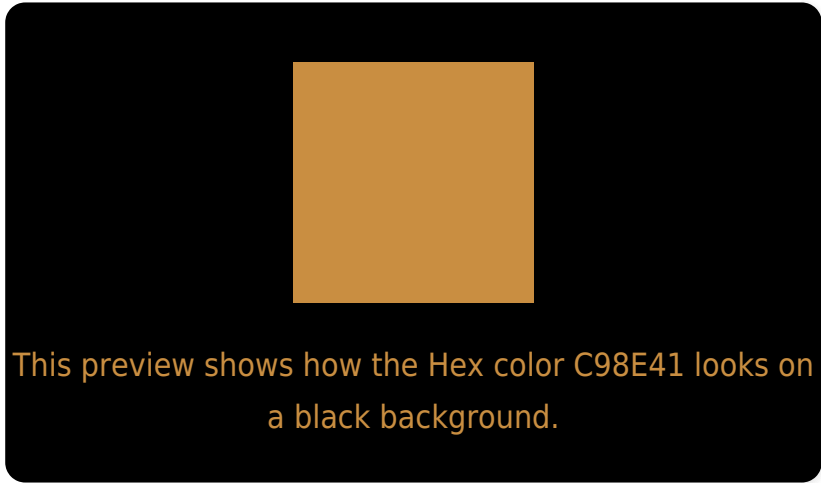
Large Text (above 18pt) WCAG AA × Fail

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 C98E41 Background



This preview shows how black text looks on a background with the Hex color C98E41.



This preview shows how white text looks on a background with the Hex color C98E41.

# 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**  
C98E41

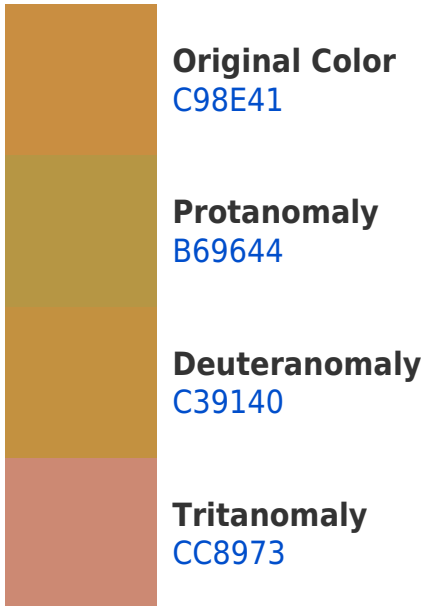
**Protanopia**  
AB9A45

**Deuteranopia**  
BF9240

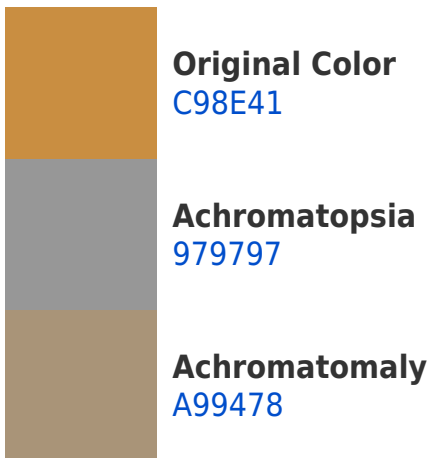


**Tritanopia**  
CE8690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C98E41 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 #C98E41 looks like.

```
.text, #text, p{  
    color:#C98E41  
}
```

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 #C98E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C98E41
}
```

## Border

The CSS property to change the border of an element to Hex C98E41 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
#C98E41 }
```

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

```
.border{ border-color:#C98E41 }
```

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

Here you see how a box with a 4 pixel #C98E41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C98E41; -webkit-box-shadow:4px 4px  
4px 4px #C98E41; box-shadow:4px 4px 4px  
4px #C98E41 }
```

# Background

The CSS property to change the background color of an element to Hex C98E41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C98E41 }
```

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

```
.background{ background-color:#C98E41 }
```

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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