

# Converting Colors

Hex(CC8C43)

Have a look what the booklet for  
Hex(CC8C43) contains.

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# **Color**

**Hex(CC8C43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC8C43
RGB	204, 140, 67
RGB Percent	80%, 55%, 26%
CMY	0.2000, 0.4510, 0.7373
CMYK	0.00, 0.31, 0.67, 0.20
HSL	32°, 57%, 53%
HSV	32°, 67%, 80%
XYZ	35.2930, 31.9988, 9.6264
YIQ	150.8140, 61.5770, -9.1350

# Conversions

## Conversions Part 2

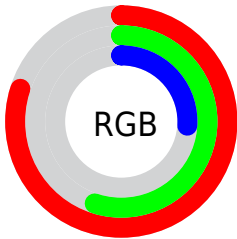
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 204, 67
Decimal	13405251
CIELab	63.34, 17.39, 47.70
CIELCh	63, 50.770, 69.970
Yxy	31.9988, 0.4588, 0.4160
Android (android.graphics.Color)	4291595331 (0xFFCC8C43)
YUV	150.8140, -41.3203, 46.6441
Hunter-Lab	56.5675, 12.3750, 29.5075

# Details

The Hex color **CC8C43** 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 **4383CC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC276**, and **925A0F** is the 20% darker color. If you saturate the color by 10%, you get **CC822F**, and if you desaturate by 10%, it is **CC9657**.

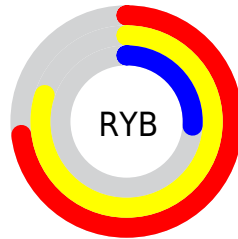
# Distribution



Red (80%)

Green (55%)

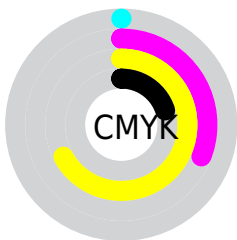
Blue (26%)



Red (73%)

Yellow (80%)

Blue (26%)

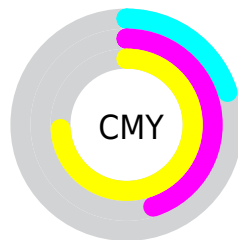


Cyan (0%)

Magenta (31%)

Yellow (67%)

Black (20%)



Cyan (20%)

Magenta (45%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC8C43 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 CC8C43 by changing the saturation by 10% instead.



 CC8C43

 CC8C43

FFFFFF

 AF722A

 FFC276

 925A0F

 FFDE90

 754200

 FFFAAB


 5A2C00

 FFFFC7

 3E1700

 FFFFEE

 260000

 000000

 CC8C43

 CC8C43

 CC822F

 CC9657

 CC791A

 CC9F6C

 CC6F06

 CCA980

 CC6D00

 CCB295

 CCBCA9

 CCC5BD

 CCCFD2

 CCD8E6

 CCE2FB

# Harmonies

## Analogous

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



E67B61



CC8C43



A59C3B

# Triad

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



CC8C43



00B0A8



B087DF

# Complementary

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



CC8C43



4383CC

# 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.



6599F2



CC8C43



00AED2

# Square

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



CC8C43



27AE79



00A6EE



DC77B9

# Rectangle

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



CC8C43



85A447



00A6EE



9B8DE8

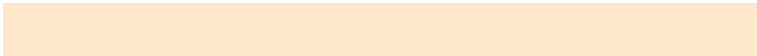


# Sweetspot

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



CC8C43



FFE7CC



CC4385



807161



000000



808080



# Same Dimension

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



CC8C43



FF9F30



CACC43



66615C



A65800



261400



# Inverse Universe

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



4383CC



3091FF



4543CC



5C6166



004DA6



001226



# Previews

## White Background



This preview shows how the Hex color CC8C43 looks on a white background.

## Color Contrast Check

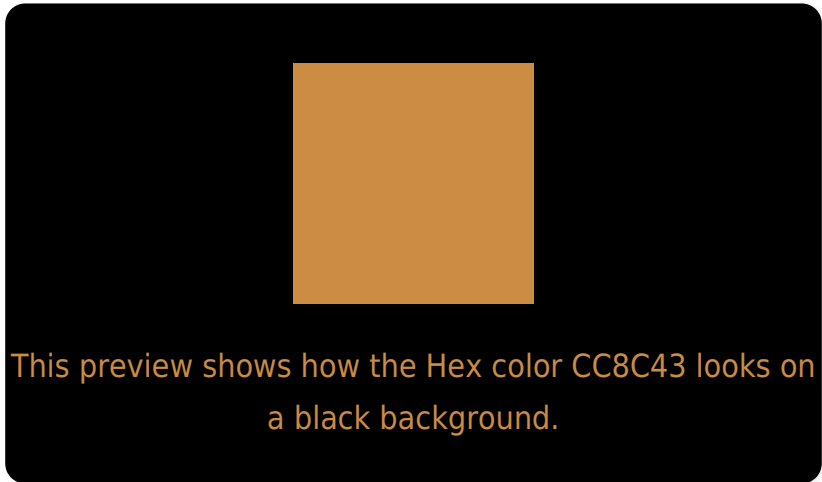
Large Text (above 18pt) WCAG AA × Fail

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 CC8C43 Background



This preview shows how black text looks on a background with the Hex color CC8C43.



This preview shows how white text looks on a background with the Hex color CC8C43.

# 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**  
CC8C43

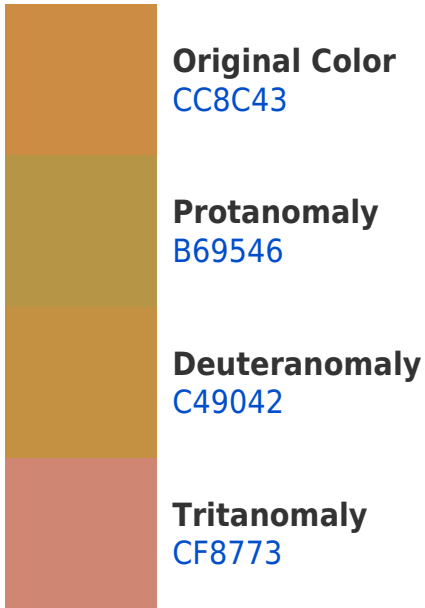
**Protanopia**  
AA9A47

**Deuteranopia**  
BF9241



**Tritanopia**  
D1848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC8C43 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 #CC8C43 looks like.

```
.text, #text, p{  
    color:#CC8C43  
}
```

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 #CC8C43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8C43
}
```

## Border

The CSS property to change the border of an element to Hex CC8C43 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
#CC8C43 }
```

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

```
.border{ border-color:#CC8C43 }
```

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

Here you see how a box with a 4 pixel #CC8C43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8C43; -webkit-box-shadow:4px 4px  
4px 4px #CC8C43; box-shadow:4px 4px 4px  
4px #CC8C43 }
```

# Background

The CSS property to change the background color of an element to Hex CC8C43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8C43 }
```

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

```
.background{ background-color:#CC8C43 }
```

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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