

# Converting Colors

Hex(CC8B33)

Have a look what the booklet for  
Hex(CC8B33) contains.

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**Color**

**Hex(CC8B33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC8B33
RGB	204, 139, 51
RGB Percent	80%, 55%, 20%
CMY	0.2000, 0.4549, 0.8000
CMYK	0.00, 0.32, 0.75, 0.20
HSL	35°, 60%, 50%
HSV	35°, 75%, 80%
XYZ	34.7320, 31.5416, 7.3895
YIQ	148.4030, 66.9880, -13.5880

# Conversions

## Conversions Part 2

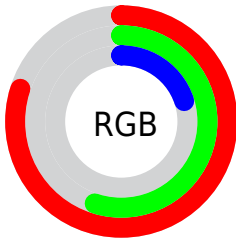
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 204, 51
Decimal	13404979
CIELab	62.96, 17.11, 54.56
CIElCh	63, 57.182, 72.588
Yxy	31.5416, 0.4715, 0.4282
Android (android.graphics.Color)	4291595059 (0xFFCC8B33)
YUV	148.4030, -48.0197, 48.7586
Hunter-Lab	56.1619, 12.1057, 31.5122

# Details

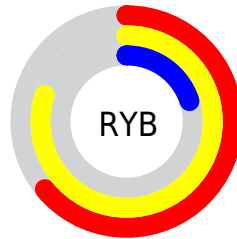
The Hex color **CC8B33** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **3374CC**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFC067**, and **915900** is the 20% darker color. If you saturate the color by 10%, you get **CC821F**, and if you desaturate by 10%, it is **CC9447**.

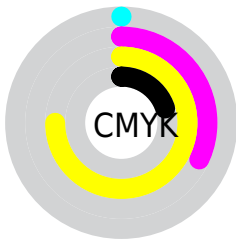
# Distribution



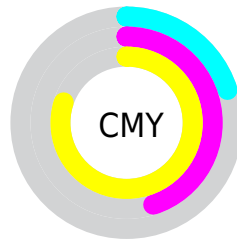
- Red (80%)
- Green (55%)
- Blue (20%)



- Red (64%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (32%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (45%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC8B33 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 CC8B33 by changing the saturation by 10% instead.



 CC8B33

 CC8B33

FFFFFF

 AE7217

 FFC067

 915900

 FFDC81

 744100

 FFF99C

 582B00

 FFFFB8

 3D1600

 FFFFD4

 250000

 FFFFF1

 000000

 CC8B33

 CC8B33

 CC821F

 CC9447

■ CC7A0A

■ CC9C5C

■ CC7500

■ CCA570

■ CCAE85

■ CCB699

■ CCBFAD

■ CCC8C2

■ CCD0D6

■ CCD9EB

# Harmonies

## Analogous

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



EB7756



CC8B33



9F9D2C

# Triad

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



CC8B33



00B1AD



B782E4

# Complementary

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



CC8B33



3374CC

# 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.



6097FC



CC8B33



00AFDC

# Square

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



CC8B33



00AF78



00A6F9



E66FB8

# Rectangle

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



CC8B33



7CA53D



00A6F9



A089EE



# Sweetspot

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



CC8B33



FFE6C4



CC3375



80705C



000000



808080



# Same Dimension

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



CC8B33



FF9D19



C2CC33



66625C



A65F00



261600



# Inverse Universe

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



3374CC



197BFF



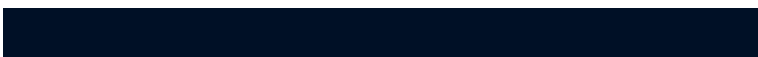
3D33CC



5C6066



0046A6



001026



# Previews

## White Background



This preview shows how the Hex color CC8B33 looks on a white background.

## Color Contrast Check

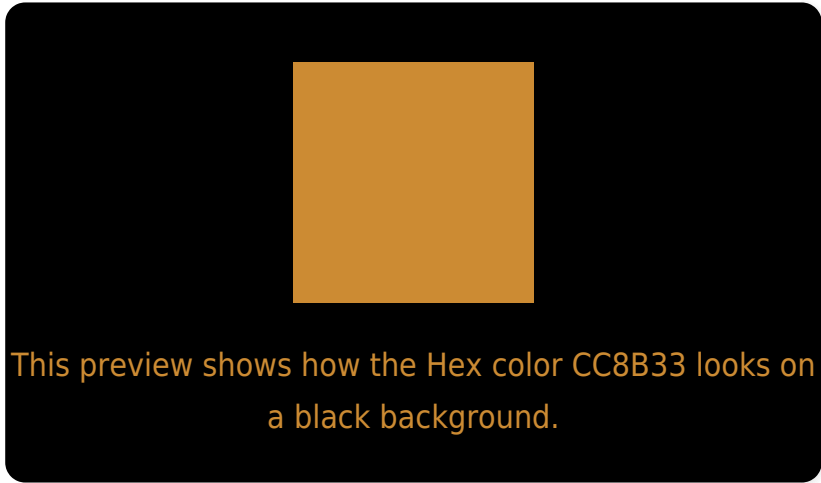
Large Text (above 18pt) WCAG AA × Fail

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 CC8B33 Background



This preview shows how black text looks on a background with the Hex color CC8B33.



This preview shows how white text looks on a background with the Hex color CC8B33.

# 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**  
CC8B33

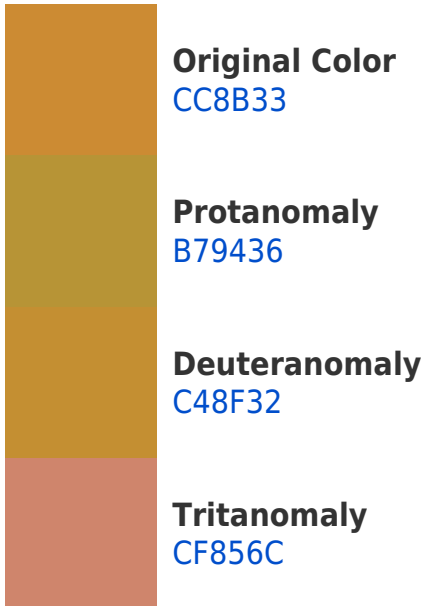
**Protanopia**  
AB9937

**Deuteranopia**  
BF9131

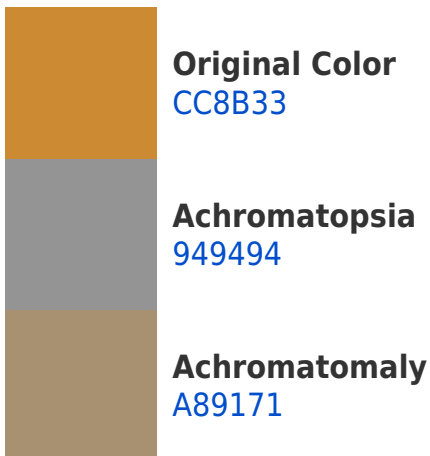


**Tritanopia**  
D1828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC8B33 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 #CC8B33 looks like.

```
.text, #text, p{  
    color:#CC8B33  
}
```

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 #CC8B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8B33
}
```

## Border

The CSS property to change the border of an element to Hex CC8B33 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
#CC8B33 }
```

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

```
.border{ border-color:#CC8B33 }
```

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

Here you see how a box with a 4 pixel #CC8B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8B33; -webkit-box-shadow:4px 4px  
4px 4px #CC8B33; box-shadow:4px 4px 4px  
4px #CC8B33 }
```

# Background

The CSS property to change the background color of an element to Hex CC8B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8B33 }
```

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

```
.background{ background-color:#CC8B33 }
```

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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