

Converting Colors

Hex(CB8E33)

Have a look what the booklet for
Hex(CB8E33) contains.

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Color

Hex(CB8E33)

Conversions

Conversions Part 1

Format	Color
Hex	CB8E33
RGB	203, 142, 51
RGB Percent	80%, 56%, 20%
CMY	0.2039, 0.4431, 0.8000
CMYK	0.00, 0.30, 0.75, 0.20
HSL	36°, 60%, 50%
HSV	36°, 75%, 80%
XYZ	34.8991, 32.2815, 7.5235
YIQ	149.8650, 65.5670, -15.3690

Conversions

Conversions Part 2

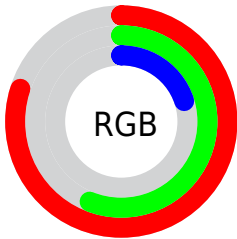
Format	Color
RYB	153, 203, 51
Decimal	13340211
CIELab	63.57, 15.04, 55.13
CIElCh	64, 57.144, 74.738
Yxy	32.2815, 0.4672, 0.4321
Android (android.graphics.Color)	4291530291 (0xFFCB8E33)
YUV	149.8650, -48.7404, 46.5994
Hunter-Lab	56.8168, 10.2123, 31.9208

Details

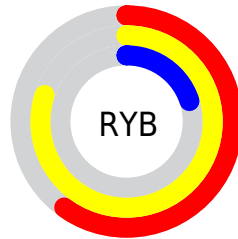
The Hex color **CB8E33** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **3370CB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFC467**, and **905C00** is the 20% darker color. If you saturate the color by 10%, you get **CB861F**, and if you desaturate by 10%, it is **CB9647**.

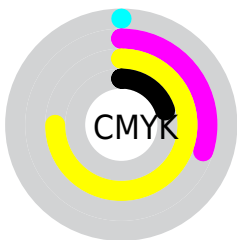
Distribution



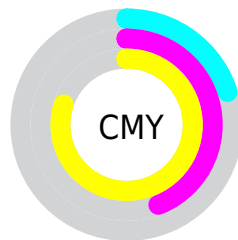
- Red (80%)
- Green (56%)
- Blue (20%)



- Red (60%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (30%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8E33 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 CB8E33 by changing the saturation by 10% instead.

 CB8E33

 CB8E33

FFFFFF

 AD7417

 FFC467

 905C00

 FFE082

 744400

 FFFC9D

 582E00

 FFFF88

 3C1900

 FFFFD5

 240100

 FFFFF1

 000000

 CB8E33

 CB8E33

 CB861F

 CB9647

■ CB7E0A

■ CB9E5C

■ CB7A00

■ CBA670

■ CBAF84

■ CBB799

■ CBBFAD

■ CBC7C1

■ CBCFD5

■ CBD7EA

Harmonies

Analogous

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



EB7A54



CB8E33



9E9F2F

Triad

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



CB8E33



00B3B2



BD82E3

Complementary

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



CB8E33



3370CB

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.



6B97FD



CB8E33



00B0E1

Square

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



CB8E33



00B17D



00A7FC



EA70B6

Rectangle

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



CB8E33



79A841



00A7FC



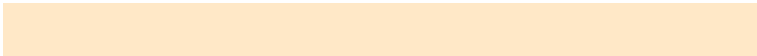
A789EE

Sweetspot

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



CB8E33



FFE8C7



CB3372



80725E



000000



808080

Same Dimension

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



CB8E33



FFA319



BECB33



66625C



A66300



261700

Inverse Universe

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



3370CB



1976FF



4033CB



5C6066



0043A6



000F26

Previews

White Background



This preview shows how the Hex color CB8E33 looks on a white background.

Color Contrast Check

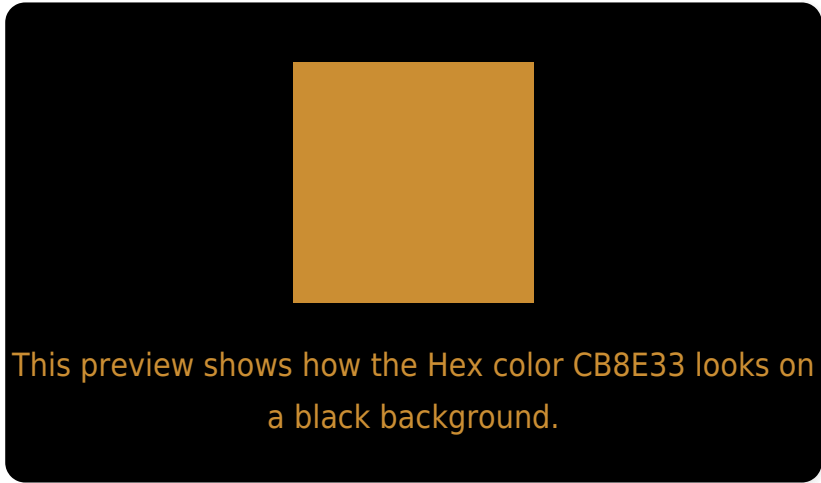
Large Text (above 18pt) WCAG AA × Fail

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 CB8E33 Background



This preview shows how black text looks on a background with the Hex color CB8E33.



This preview shows how white text looks on a background with the Hex color CB8E33.

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](#).

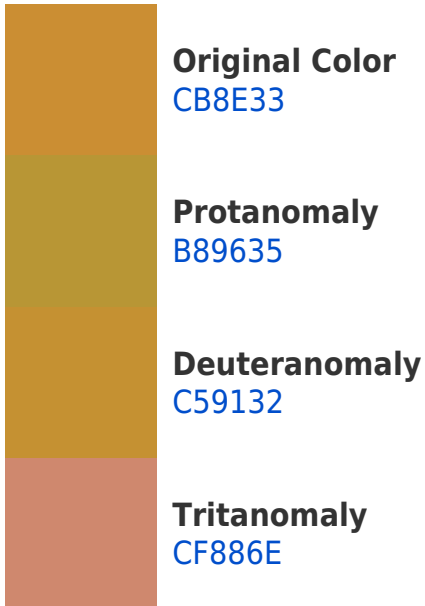
Dichromacy





Tritanopia
D1858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB8E33 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 #CB8E33 looks like.

```
.text, #text, p{  
    color:#CB8E33  
}
```

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 #CB8E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8E33
}
```

Border

The CSS property to change the border of an element to Hex CB8E33 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
#CB8E33 }
```

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

```
.border{ border-color:#CB8E33 }
```

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

Here you see how a box with a 4 pixel #CB8E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8E33; -webkit-box-shadow:4px 4px  
4px 4px #CB8E33; box-shadow:4px 4px 4px  
4px #CB8E33 }
```

Background

The CSS property to change the background color of an element to Hex CB8E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8E33 }
```

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

```
.background{ background-color:#CB8E33 }
```

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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