

Converting Colors

Hex(CB8B40)

Have a look what the booklet for
Hex(CB8B40) contains.

Hex(CB8B40)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CB8B40)

Conversions

Conversions Part 1

Format	Color
Hex	CB8B40
RGB	203, 139, 64
RGB Percent	80%, 55%, 25%
CMY	0.2039, 0.4549, 0.7490
CMYK	0.00, 0.32, 0.68, 0.20
HSL	32°, 57%, 52%
HSV	32°, 68%, 80%
XYZ	34.7866, 31.5319, 9.1033
YIQ	149.5860, 62.2190, -9.7570

Conversions

Conversions Part 2

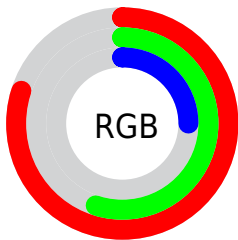
Format	Color
RYB	183, 203, 64
Decimal	13339456
CIELab	62.95, 17.33, 48.67
CIELCh	63, 51.669, 70.399
Yxy	31.5319, 0.4612, 0.4181
Android (android.graphics.Color)	4291529536 (0xFFCB8B40)
YUV	149.5860, -42.1939, 46.8441
Hunter-Lab	56.1533, 12.3115, 29.6955

Details

The Hex color **CB8B40** 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 **4080CB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFC173**, and **90590A** is the 20% darker color. If you saturate the color by 10%, you get **CB822C**, and if you desaturate by 10%, it is **CB9454**.

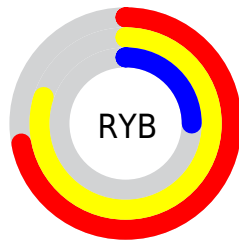
Distribution



Red (80%)

Green (55%)

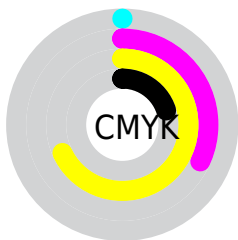
Blue (25%)



Red (72%)

Yellow (80%)

Blue (25%)

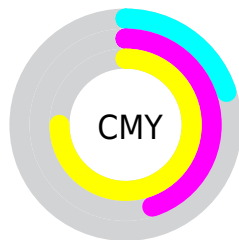


Cyan (0%)

Magenta (32%)

Yellow (68%)

Black (20%)



Cyan (20%)

Magenta (45%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8B40 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 CB8B40 by changing the saturation by 10% instead.

 CB8B40

 CB8B40

FFFFFF

 AD7127

 FFC173

 90590A

 FFDC8D

 744100

 FFF9A8

 582B00

 FFFFC4

 3D1600

 FFFFE1

 250000

FFFFFFE

 000000

 CB8B40

 CB8B40

 CB822C

 CB9454

 CB7817

 CB9E69

 CB6F03

 CBA77D

 CB6E00

 CBB091

 CBBAA6

 CBC3BA

 CBCCCCE

 CBD6E2

 CBDFF7

Harmonies

Analogous

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



E67A5F



CB8B40



A39B39

Triad

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



CB8B40



00AFA7



B086DF

Complementary

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



CB8B40



4080CB

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.



6398F3



CB8B40



00ADD3

Square

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



CB8B40



1EAD78



00A6EE



DD75B8

Rectangle

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



CB8B40



83A345



00A6EE



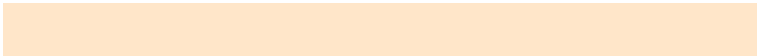
9B8CE8

Sweetspot

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



CB8B40



FFE6C9



CB4081



807160



000000



808080

Same Dimension

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



CB8B40



FF9F2E



C6CB40



66615C



A65900



261500

Inverse Universe

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



4080CB



2E8EFF



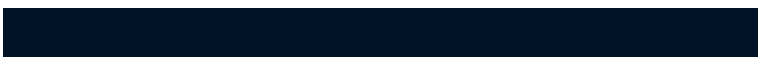
4540CB



5C6066



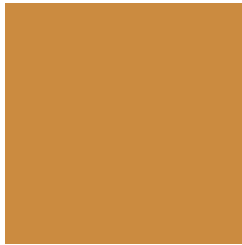
004CA6



001226

Previews

White Background



This preview shows how the Hex color CB8B40 looks on a white background.

Color Contrast Check

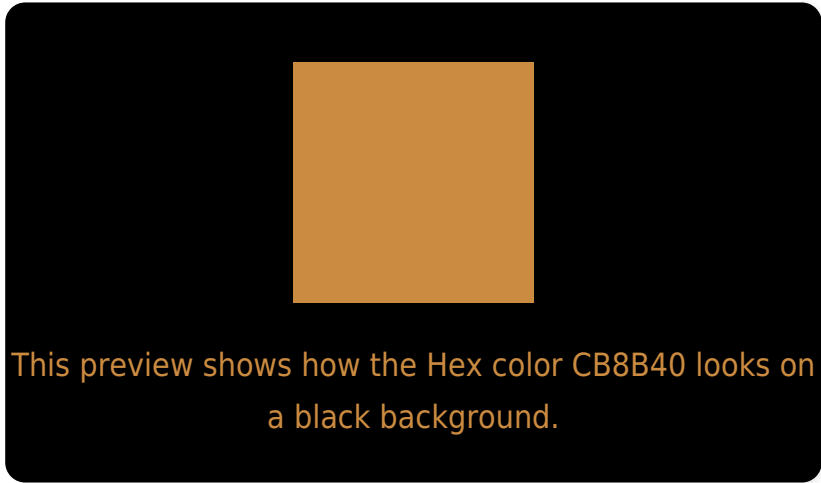
Large Text (above 18pt) WCAG AA × Fail

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

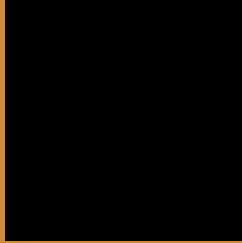
Any Text WCAG AA ✓ Pass

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 CB8B40 Background



This preview shows how black text looks on a background with the Hex color CB8B40.

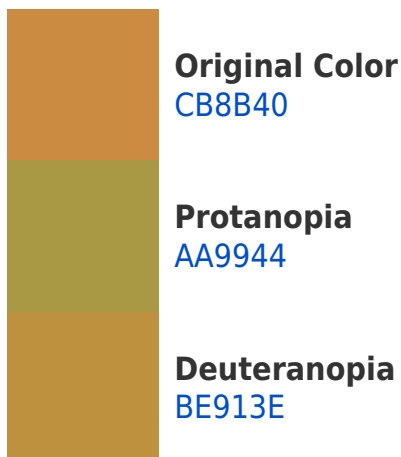



This preview shows how white text looks on a background with the Hex color CB8B40.

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](#).

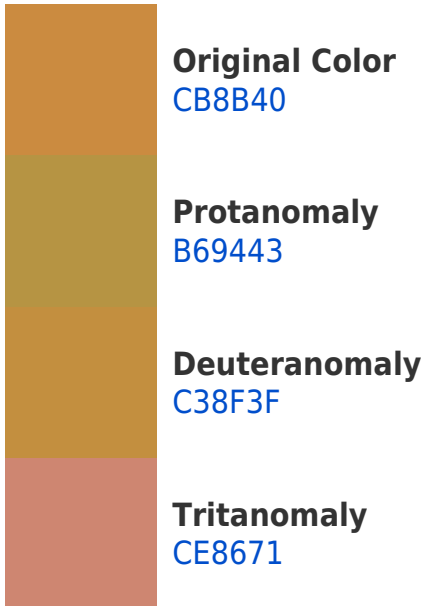
Dichromacy



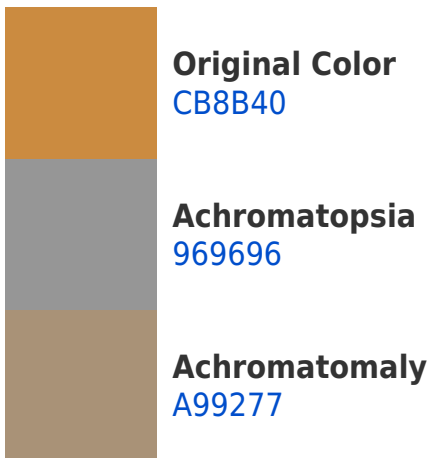


Tritanopia
D0838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB8B40 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 #CB8B40 looks like.

```
.text, #text, p{  
    color:#CB8B40  
}
```

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 #CB8B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8B40
}
```

Border

The CSS property to change the border of an element to Hex CB8B40 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
#CB8B40 }
```

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

```
.border{ border-color:#CB8B40 }
```

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

Here you see how a box with a 4 pixel #CB8B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8B40; -webkit-box-shadow:4px 4px  
4px 4px #CB8B40; box-shadow:4px 4px 4px  
4px #CB8B40 }
```

Background

The CSS property to change the background color of an element to Hex CB8B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8B40 }
```

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

```
.background{ background-color:#CB8B40 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor