

Converting Colors

Hex(CC8C45)

Have a look what the booklet for
Hex(CC8C45) contains.

Hex(CC8C45)	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(CC8C45)

Conversions

Conversions Part 1

Format	Color
Hex	CC8C45
RGB	204, 140, 69
RGB Percent	80%, 55%, 27%
CMY	0.2000, 0.4510, 0.7294
CMYK	0.00, 0.31, 0.66, 0.20
HSL	32°, 57%, 54%
HSV	32°, 66%, 80%
XYZ	35.3541, 32.0232, 9.9480
YIQ	151.0420, 60.9350, -8.5130

Conversions

Conversions Part 2

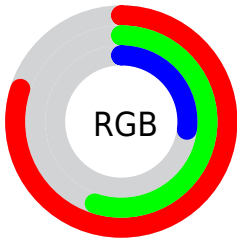
Format	Color
RYB	191, 204, 69
Decimal	13405253
CIELab	63.36, 17.51, 46.75
CIElCh	63, 49.924, 69.469
Yxy	32.0232, 0.4572, 0.4141
Android (android.graphics.Color)	4291595333 (0xFFCC8C45)
YUV	151.0420, -40.4467, 46.4442
Hunter-Lab	56.5891, 12.4873, 29.1896

Details

The Hex color **CC8C45** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4585CC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC278**, and **925A12** is the 20% darker color. If you saturate the color by 10%, you get **CC8231**, and if you desaturate by 10%, it is **CC9659**.

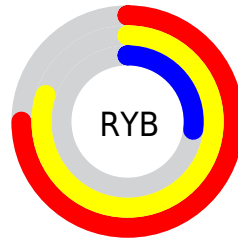
Distribution



Red (80%)

Green (55%)

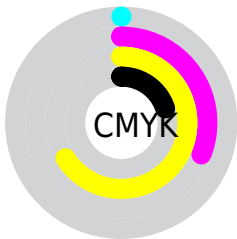
Blue (27%)



Red (75%)

Yellow (80%)

Blue (27%)

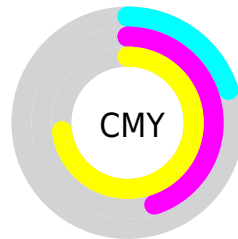


Cyan (0%)

Magenta (31%)

Yellow (66%)

Black (20%)



Cyan (20%)

Magenta (45%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC8C45 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 CC8C45 by changing the saturation by 10% instead.

 CC8C45

 CC8C45

FFFFFF

 AF722C

 FFC278

 925A12

 FFDE92

 754200

 FFFAAD

 5A2C00

 FFFF00

 3E1700

 FFFF00

 260000

 000000

 CC8C45

 CC8C45

 CC8231

 CC9659

 CC791C

 CC9F6E

 CC6F08

 CCA982

 CC6B00

 CCB397

 CCBCAB

 CCC6BF

 CCD0D4

 CCD9E8

 CCE3FD

Harmonies

Analogous

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



E67C63



CC8C45



A69C3D

Triad

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



CC8C45



00B0A7



AF88DE

Complementary

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



CC8C45



4585CC

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.



6599F1



CC8C45



00AED1

Square

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



CC8C45



2EAD79



00A6EC



DB78BA

Rectangle

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



CC8C45



87A448



00A6EC



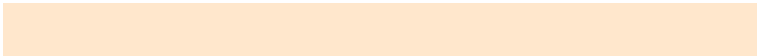
9A8EE7

Sweetspot

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



CC8C45



FFE7CC



CC4586



807161



000000



808080

Same Dimension

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



CC8C45



FF9F36



CACC45



66615C



A65700



261400

Inverse Universe

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



4585CC



3695FF



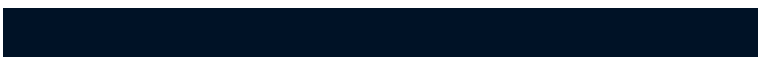
4745CC



5C6166



004FA6



001226

Previews

White Background



This preview shows how the Hex color CC8C45 looks on a white background.

Color Contrast Check

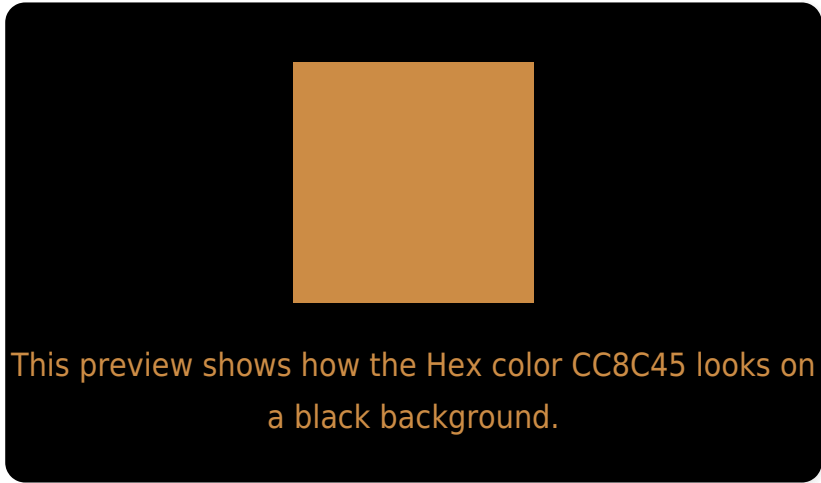
Large Text (above 18pt) WCAG AA × Fail

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

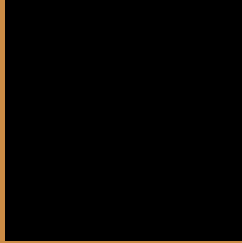
Any Text WCAG AA ✓ Pass

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 CC8C45 Background



This preview shows how black text looks on a background with the Hex color CC8C45.



This preview shows how white text looks on a background with the Hex color CC8C45.

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
CC8C45

Protanopia
AA9A49

Deuteranopia
BF9243



Tritanopia
D1848E

Trichromacy



Original Color
CC8C45

Protanomaly
B69548

Deuteranomaly
C49044

Tritanomaly
CF8773

Monochromacy



Original Color
CC8C45

Achromatopsia
979797

Achromatomaly
AA9379

CSS Examples

Text

The CSS property to change the color of the text to Hex CC8C45 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 #CC8C45 looks like.

```
.text, #text, p{  
    color:#CC8C45  
}
```

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 #CC8C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8C45
}
```

Border

The CSS property to change the border of an element to Hex CC8C45 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
#CC8C45 }
```

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

```
.border{ border-color:#CC8C45 }
```

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

Here you see how a box with a 4 pixel #CC8C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8C45; -webkit-box-shadow:4px 4px  
4px 4px #CC8C45; box-shadow:4px 4px 4px  
4px #CC8C45 }
```

Background

The CSS property to change the background color of an element to Hex CC8C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8C45 }
```

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

```
.background{ background-color:#CC8C45 }
```

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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