

Converting Colors

Hex(8C6E28)

Have a look what the booklet for
Hex(8C6E28) contains.

Hex(8C6E28)	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(8C6E28)

Conversions

Conversions Part 1

Format	Color
Hex	8C6E28
RGB	140, 110, 40
RGB Percent	55%, 43%, 16%
CMY	0.4510, 0.5686, 0.8431
CMYK	0.00, 0.21, 0.71, 0.45
HSL	42°, 56%, 35%
HSV	42°, 71%, 55%
XYZ	16.7742, 16.8805, 4.3817
YIQ	110.9900, 40.3500, -15.4100

Conversions

Conversions Part 2

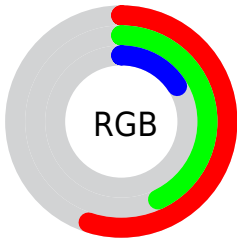
Format	Color
R_{YB}	83, 140, 40
Decimal	9203240
CIE Lab	48.11, 4.13, 42.00
CIE LCh	48, 42.199, 84.387
Yxy	16.8805, 0.4410, 0.4438
Android (android.graphics.Color)	4287393320 (0xFF8C6E28)
YUV	110.9900, -34.9981, 25.4418
Hunter-Lab	41.0859, 0.9759, 22.4371

Details

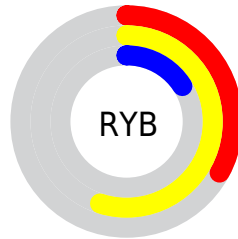
The Hex color **8C6E28** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **28468C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **C4A159**, and **563F00** is the 20% darker color. If you saturate the color by 10%, you get **8C6A1A**, and if you desaturate by 10%, it is **8C7236**.

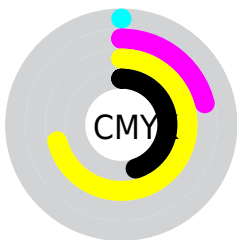
Distribution



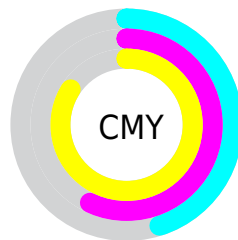
- Red (55%)
- Green (43%)
- Blue (16%)



- Red (33%)
- Yellow (55%)
- Blue (16%)



- Cyan (0%)
- Magenta (21%)
- Yellow (71%)
- Black (45%)



- Cyan (45%)
- Magenta (57%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C6E28 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 8C6E28 by changing the saturation by 10% instead.



8C6E28



8C6E28

FFFFFF



71560E



C4A159



563F00



E1BC73



3D2900



FFD88D



241500



FFF4A8



000000



FFFFC3



FFFFE0



FFFFFD



8C6E28



8C6E28

■ 8C6A1A

■ 8C7236

■ 8C660C

■ 8C7644

■ 8C6200

■ 8C7B52

■ 8C7F60

■ 8C836E

■ 8C877C

■ 8C8B8A

■ 8C9098

■ 8C94A6

Harmonies

Analogous

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



A66139



8C6E28



6A792E

Triad

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



8C6E28



00848F



985D9C

Complementary

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



8C6E28



28468C

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.



696CB3



8C6E28



0080AB

Square

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



8C6E28



00836A



0078B9



B0537A

Rectangle

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



8C6E28



4E7E3D



0078B9



8B62A5

Sweetspot

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



8C6E28



B5AA8F



8C2846



5C5545



DBDBDB



5C5C5C

Same Dimension

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



8C6E28



B58619



788C28



45433E



855D00



050400

Inverse Universe

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



28468C



1948B5



3C288C



3E4045



002885



000205

Previews

White Background



This preview shows how the Hex color 8C6E28 looks on a white background.

Color Contrast Check

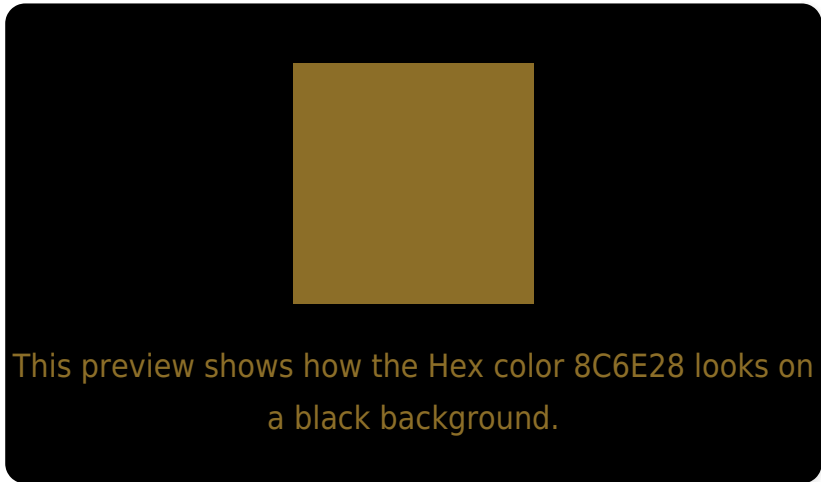
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8C6E28 Background



This preview shows how black text looks on a background with the Hex color 8C6E28.



This preview shows how white text looks on a background with the Hex color 8C6E28.

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
8C6E28

Protanopia
807329

Deuteranopia
8F6D28



Tritanopia
91676F

Trichromacy



Original Color
8C6E28

Protanomaly
847129

Deuteranomaly
8E6D28

Tritanomaly
8F6A55

Monochromacy



Original Color
8C6E28

Achromatopsia
6F6F6F

Achromatomaly
7A6F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C6E28 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 #8C6E28 looks like.

```
.text, #text, p{  
    color:#8C6E28  
}
```

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 #8C6E28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C6E28 }  
}
```

Border

The CSS property to change the border of an element to Hex 8C6E28 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 #8C6E28 }  
}
```

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

```
.border{ border-color:#8C6E28 }
```

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

Here you see how a box with a 4 pixel #8C6E28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C6E28; -webkit-box-shadow:4px 4px  
4px 4px #8C6E28; box-shadow:4px 4px 4px  
4px #8C6E28 }
```

Background

The CSS property to change the background color of an element to Hex 8C6E28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C6E28 }
```

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

```
.background{ background-color:#8C6E28 }
```

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