

Converting Colors

Hex(8C7A32)

Have a look what the booklet for
Hex(8C7A32) contains.

Hex(8C7A32)	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(8C7A32)

Conversions

Conversions Part 1

Format	Color
Hex	8C7A32
RGB	140, 122, 50
RGB Percent	55%, 48%, 20%
CMY	0.4510, 0.5216, 0.8039
CMYK	0.00, 0.13, 0.64, 0.45
HSL	48°, 47%, 37%
HSV	48°, 64%, 55%
XYZ	18.3505, 19.7248, 5.8577
YIQ	119.1740, 33.8400, -18.5760

Conversions

Conversions Part 2

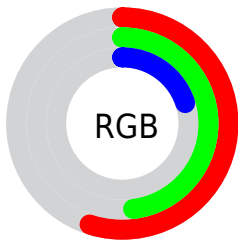
Format	Color
R_{YB}	73, 140, 50
Decimal	9206322
CIE Lab	51.52, -2.07, 40.92
CIE LCh	52, 40.973, 92.897
Yxy	19.7248, 0.4177, 0.4490
Android (android.graphics.Color)	4287396402 (0xFF8C7A32)
YUV	119.1740, -34.1028, 18.2644
Hunter-Lab	44.4126, -3.9692, 23.2689

Details

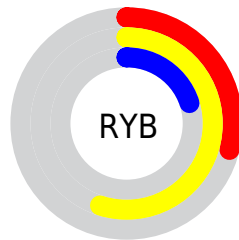
The Hex color **8C7A32** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **32448C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C4AE64**, and **574A00** is the 20% darker color. If you saturate the color by 10%, you get **8C7724**, and if you desaturate by 10%, it is **8C7D40**.

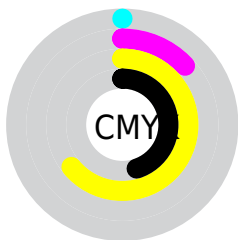
Distribution



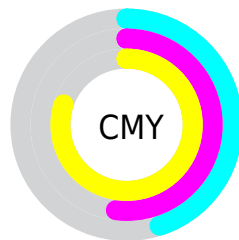
- Red (55%)
- Green (48%)
- Blue (20%)



- Red (29%)
- Yellow (55%)
- Blue (20%)



- Cyan (0%)
- Magenta (13%)
- Yellow (64%)
- Black (45%)



- Cyan (45%)
- Magenta (52%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C7A32 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 8C7A32 by changing the saturation by 10% instead.



8C7A32



8C7A32

FFFFFF



716119



C4AE64



574A00



E1C97D



3E3300



FEE598



251F00



FFFFB3



030700



FFFFCF



000000



FFFFEB



8C7A32



8C7A32



8C7724



8C7D40

■ 8C7416

■ 8C804E

■ 8C7208

■ 8C825C

■ 8C7000

■ 8C856A

■ 8C8878

■ 8C8B86

■ 8C8E94

■ 8C90A2

■ 8C93B0

Harmonies

Analogous

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



A96D3C



8C7A32



68843D

Triad

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



8C7A32



008CA0



A9639B

Complementary

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



8C7A32



32448C

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.



8270B6



8C7A32



0087B9

Square

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



8C7A32



008C7D



417DC1



BB5D79

Rectangle

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



8C7A32



4B884F



417DC1



9E67A5

Sweetspot

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



8C7A32



B5AE93



8C3244



5C5847



DBDBDB



5C5C5C

Same Dimension

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



8C7A32



B5992A



738C32



45433E



856A00



050400

Inverse Universe

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



32448C



2A46B5



4D328C



3E3F45



001B85



000105

Previews

White Background



This preview shows how the Hex color 8C7A32 looks on a white background.

Color Contrast Check

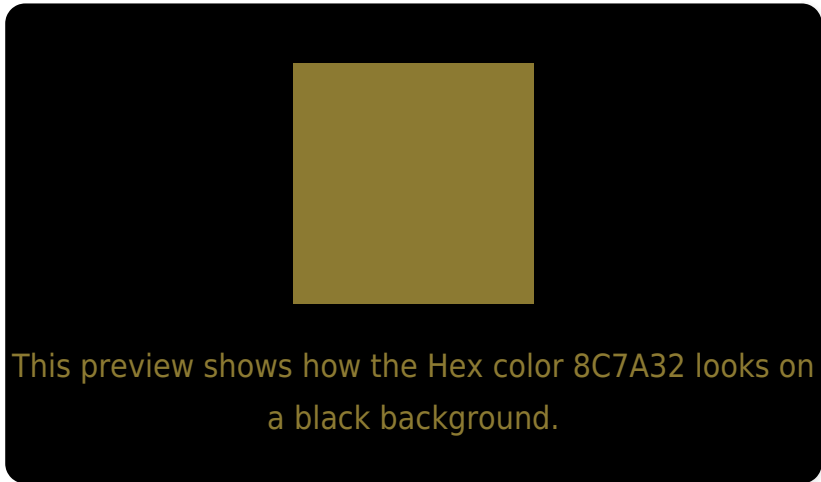
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

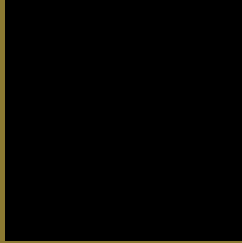
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 8C7A32 Background



This preview shows how black text looks on a background with the Hex color 8C7A32.



This preview shows how white text looks on a background with the Hex color 8C7A32.

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
8C7A32

Protanopia
897B32

Deuteranopia
997533



Tritanopia
92727B

Trichromacy



Original Color
8C7A32

Protanomaly
8A7B32

Deuteranomaly
947733

Tritanomaly
907560

Monochromacy



Original Color
8C7A32

Achromatopsia
777777

Achromatomaly
7F785E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C7A32 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 #8C7A32 looks like.

```
.text, #text, p{  
    color:#8C7A32  
}
```

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 #8C7A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C7A32
}
```

Border

The CSS property to change the border of an element to Hex 8C7A32 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
#8C7A32 }
```

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

```
.border{ border-color:#8C7A32 }
```

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

Here you see how a box with a 4 pixel #8C7A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C7A32; -webkit-box-shadow:4px 4px  
4px 4px #8C7A32; box-shadow:4px 4px 4px  
4px #8C7A32 }
```

Background

The CSS property to change the background color of an element to Hex 8C7A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C7A32 }
```

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

```
.background{ background-color:#8C7A32 }
```

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