

# Converting Colors

Hex(8C7000)

Have a look what the booklet for  
Hex(8C7000) contains.

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**Color**

**Hex(8C7000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C7000
RGB	140, 112, 0
RGB Percent	55%, 44%, 0%
CMY	0.4510, 0.5608, 1.0000
CMYK	0.00, 0.20, 1.00, 0.45
HSL	48°, 100%, 27%
HSV	48°, 100%, 55%
XYZ	16.6094, 17.1638, 2.4375
YIQ	107.6040, 52.6400, -28.8960

# Conversions

## Conversions Part 2

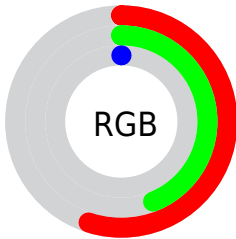
Format	Color
<a href="#">RYB</a>	<a href="#">35, 140, 0</a>
Decimal	<a href="#">9203712</a>
CIELab	<a href="#">48.47, 1.67, 54.78</a>
CIELCh	<a href="#">48, 54.806, 88.255</a>
Yxy	<a href="#">17.1638, 0.4587, 0.4740</a>
Android (android.graphics.Color)	<a href="#">4287393792</a> ( <a href="#">0xFF8C7000</a> )
YUV	<a href="#">107.6040, -53.0488, 28.4113</a>
Hunter-Lab	<a href="#">41.4292, -0.9387, 25.5120</a>

# Details

The Hex color **8C7000** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **001C8C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C5A33F**, and **554100** is the 20% darker color. If you saturate the color by 10%, you get **8C7000**, and if you desaturate by 10%, it is **8C730E**.

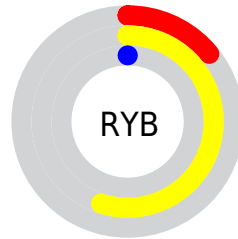
# Distribution



Red (55%)

Green (44%)

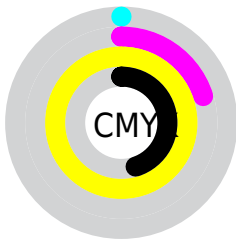
Blue (0%)



Red (14%)

Yellow (55%)

Blue (0%)

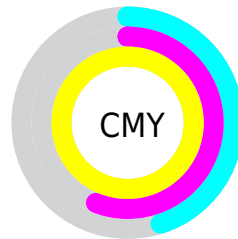


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C7000 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 8C7000 by changing the saturation by 10% instead.



 8C7000

 8C7000

FFFFFF

 705800

 C5A33F

 554100

 E3BE59

 3B2B00

 FFDA74

 221700

 FFF68E

 000000

 FFFFAA

 FFFFC6

 FFFFEE

 8C7000

 8C730E

 8C761C

 8C782A

 8C7B38

 8C7E46

 8C8154

 8C8462

 8C8670

 8C897E

# Harmonies

## Analogous

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



AF5E22



8C7000



5F7D15

# Triad

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



8C7000



00889E



A853A5

# Complementary

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



8C7000



001C8C

# 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.



6D68C5



8C7000



0084C1

# Square

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



8C7000



00886F



0079D0



C34578

# Rectangle

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



8C7000



358331



0079D0



985AB1



# Sweetspot

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



8C7000



B5AA7F



8C001C



5C553B



DBDBDB



5C5C5C



# Same Dimension

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



8C7000



B59100



628C00



45433E



856A00



050400



# Inverse Universe

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



001C8C



0024B5



2A008C



3E3F45



001B85

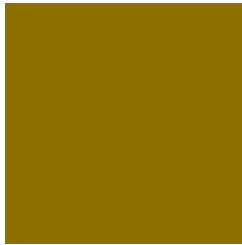


000105



# Previews

## White Background



This preview shows how the Hex color 8C7000 looks on a white background.

## Color Contrast Check

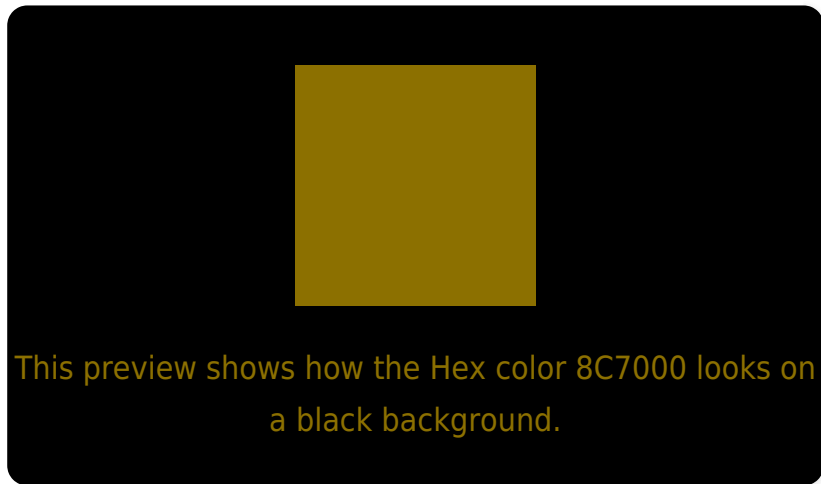
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C7000 Background



This preview shows how black text looks on a background with the Hex color 8C7000.



This preview shows how white text looks on a background with the Hex color 8C7000.

# 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**  
8C7000

**Protanopia**  
827406

**Deuteranopia**  
926D09



**Tritanopia**  
926870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C7000 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 #8C7000 looks like.

```
.text, #text, p{  
    color:#8C7000  
}
```

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 #8C7000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C7000
}
```

## Border

The CSS property to change the border of an element to Hex 8C7000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

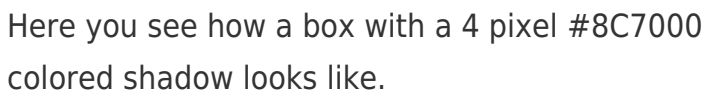
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C7000 }
```

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

```
.border{ border-color:#8C7000 }
```

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

A rectangular box with a 4px #8C7000 colored shadow. The box is white with a thin black border and a thick #8C7000 shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #8C7000 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C7000; -webkit-box-shadow:4px 4px  
4px 4px #8C7000; box-shadow:4px 4px 4px  
4px #8C7000 }
```

# Background

The CSS property to change the background color of an element to Hex 8C7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C7000 }
```

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

```
.background{ background-color:#8C7000 }
```

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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