

# Converting Colors

Hex(8B7C00)

Have a look what the booklet for  
Hex(8B7C00) contains.

<b>Hex(8B7C00)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8B7C00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B7C00
RGB	139, 124, 0
RGB Percent	55%, 49%, 0%
CMY	0.4549, 0.5137, 1.0000
CMYK	0.00, 0.11, 1.00, 0.45
HSL	54°, 100%, 27%
HSV	54°, 100%, 55%
XYZ	17.8551, 19.9043, 2.9008
YIQ	114.3490, 48.7440, -35.3840

# Conversions

## Conversions Part 2

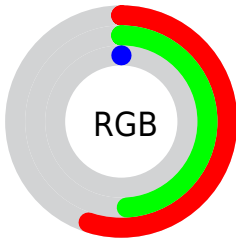
Format	Color
<a href="#">RYB</a>	<a href="#">17, 139, 0</a>
Decimal	<a href="#">9141248</a>
CIELab	<a href="#">51.73, -5.58, 57.04</a>
CIELCh	<a href="#">52, 57.312, 95.582</a>
Yxy	<a href="#">19.9043, 0.4391, 0.4895</a>
Android (android.graphics.Color)	<a href="#">4287331328 (0xFF8B7C00)</a>
YUV	<a href="#">114.3490, -56.3741, 21.6189</a>
Hunter-Lab	<a href="#">44.6142, -6.6371, 27.3749</a>

# Details

The Hex color **8B7C00** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **000F8B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **C4B042**, and **554C00** is the 20% darker color. If you saturate the color by 10%, you get **8B7C00**, and if you desaturate by 10%, it is **8B7E0E**.

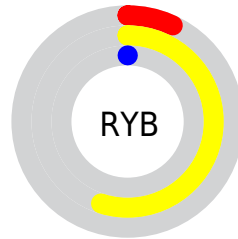
# Distribution



Red (55%)

Green (49%)

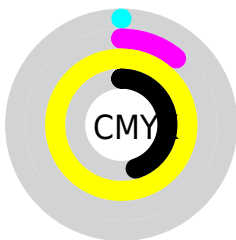
Blue (0%)



Red (7%)

Yellow (55%)

Blue (0%)

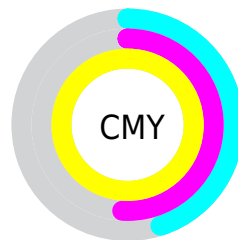


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B7C00 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 8B7C00 by changing the saturation by 10% instead.



 8B7C00

 8B7C00

FFFFFF

 6F6300

 C4B042

 554C00

 E1CB5C

 3A3500

 FFE877

 212000

 FFFF92

 000A00

 FFFFAE

 000000

 FFFFCA

 FFFFEE

 8B7C00

 8B7E0E

 8B7F1C

 8B812A

 8B8238

 8B8446

 8B8553

 8B8661

 8B886F

 8B8A7D

# Harmonies

## Analogous

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



B36A1C



8B7C00



588823

# Triad

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



8B7C00



0091B3



BD54A5

# Complementary

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



8B7C00



000F8B

# 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.



886ACC



8B7C00



008BD4

# Square

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



8B7C00



009283



007EDD



D34A74

# Rectangle

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



8B7C00



208E40



007EDD



AF5BB3



# Sweetspot

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



8B7C00



B5AF7F



8B0010



5C583B



DBDBDB



5C5C5C



# Same Dimension

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



8B7C00



B5A200



568B00



45443E



857600



050500



# Inverse Universe

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



000F8B



0014B5



35008B



3E3F45



000E85

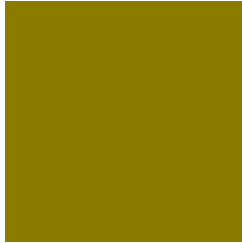


000105



# Previews

## White Background



This preview shows how the Hex color 8B7C00 looks on a white background.

## Color Contrast Check

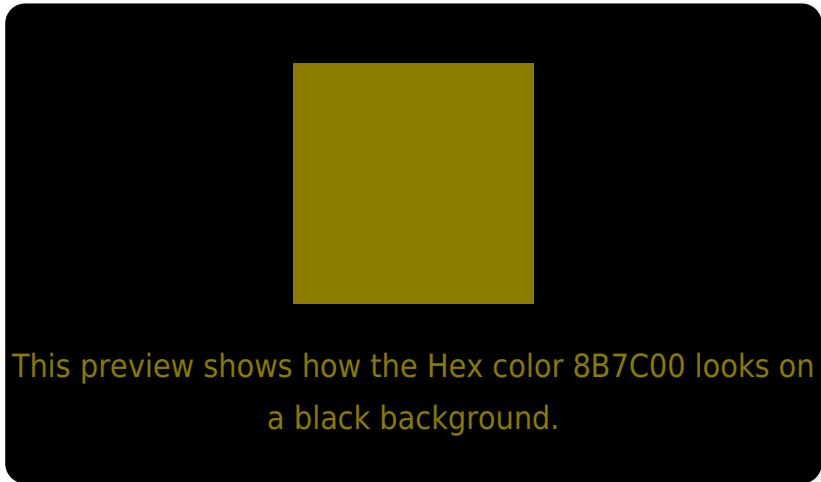
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B7C00 Background



This preview shows how black text looks on a background with the Hex color 8B7C00.



This preview shows how white text looks on a background with the Hex color 8B7C00.

# 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**  
8B7C00

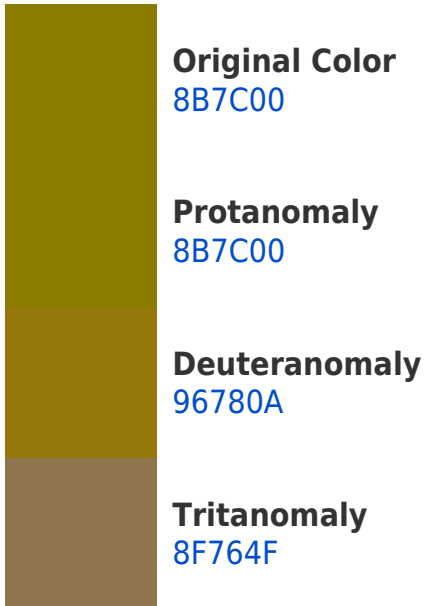
**Protanopia**  
8B7C00

**Deuteranopia**  
9C7510

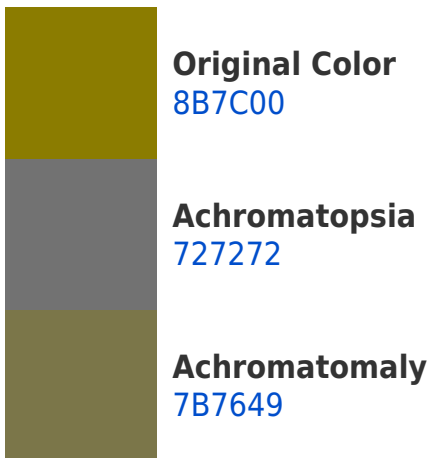


**Tritanopia**  
92737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B7C00 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 #8B7C00 looks like.

```
.text, #text, p{  
    color:#8B7C00  
}
```

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 #8B7C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B7C00
}
```

## Border

The CSS property to change the border of an element to Hex 8B7C00 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
#8B7C00 }
```

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

```
.border{ border-color:#8B7C00 }
```

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

Here you see how a box with a 4 pixel #8B7C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B7C00; -webkit-box-shadow:4px 4px  
4px 4px #8B7C00; box-shadow:4px 4px 4px  
4px #8B7C00 }
```

# Background

The CSS property to change the background color of an element to Hex 8B7C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B7C00 }
```

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

```
.background{ background-color:#8B7C00 }
```

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