

Converting Colors

Hex(8B7B00)

Have a look what the booklet for
Hex(8B7B00) contains.

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Color

Hex(8B7B00)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8B7B00 |
| RGB | 139, 123, 0 |
| RGB Percent | 55%, 48%, 0% |
| CMY | 0.4549, 0.5176, 1.0000 |
| CMYK | 0.00, 0.12, 1.00, 0.45 |
| HSL | 53°, 100%, 27% |
| HSV | 53°, 100%, 55% |
| XYZ | 17.7304, 19.6549, 2.8593 |
| YIQ | 113.7620, 49.0190, -34.8610 |

Conversions

Conversions Part 2

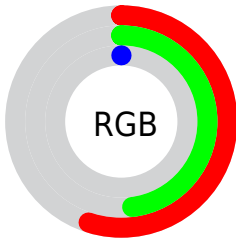
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 18, 139, 0 |
| Decimal | 9140992 |
| CIE Lab | 51.44, -5.02, 56.84 |
| CIE LCh | 51, 57.058, 95.046 |
| Yxy | 19.6549, 0.4406, 0.4884 |
| Android (android.graphics.Color) | 4287331072 (0xFF8B7B00) |
| YUV | 113.7620, -56.0847, 22.1337 |
| Hunter-Lab | 44.3338, -6.1967, 27.2098 |

Details

The Hex color **8B7B00** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **00108B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **C4AF41**, and **554B00** is the 20% darker color. If you saturate the color by 10%, you get **8B7B00**, and if you desaturate by 10%, it is **8B7D0E**.

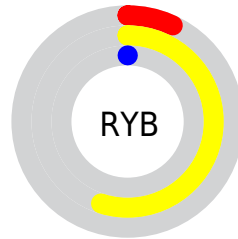
Distribution



Red (55%)

Green (48%)

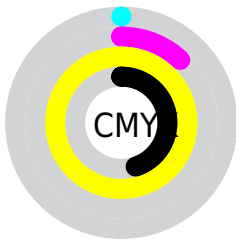
Blue (0%)



Red (7%)

Yellow (55%)

Blue (0%)

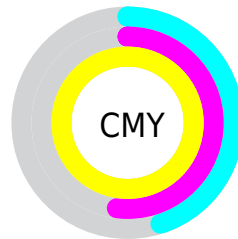


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B7B00 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 8B7B00 by changing the saturation by 10% instead.

 8B7B00

 8B7B00

FFFFFF

 6F6200

 C4AF41

 554B00

 E1CA5C

 3A3400

 FFE677

 212000

 FFFF92

 000900

 FFFFAD

 000000

 FFFFCA

 FFFFEE

 8B7B00

 8B7D0E

 8B7E1C

 8B802A

 8B8138

 8B8346

 8B8553

 8B8661

 8B886F

 8B897D

Harmonies

Analogous

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



B3691C



8B7B00



588722

Triad

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



8B7B00



0090B1



BB54A5

Complementary

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



8B7B00



00108B

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.



866ACB



8B7B00



008AD3

Square

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



8B7B00



009182



007EDC



D14974

Rectangle

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



8B7B00



228D3F



007EDC



AE5BB3

Sweetspot

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



8B7B00



B5AF7F



8B0010



5C583B



DBDBDB



5C5C5C

Same Dimension

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



8B7B00



B5A000



568B00



45443E



857500



050500

Inverse Universe

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



00108B



0015B5



35008B



3E3F45



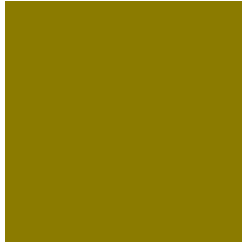
000F85



000105

Previews

White Background



This preview shows how the Hex color 8B7B00 looks on a white background.

Color Contrast Check

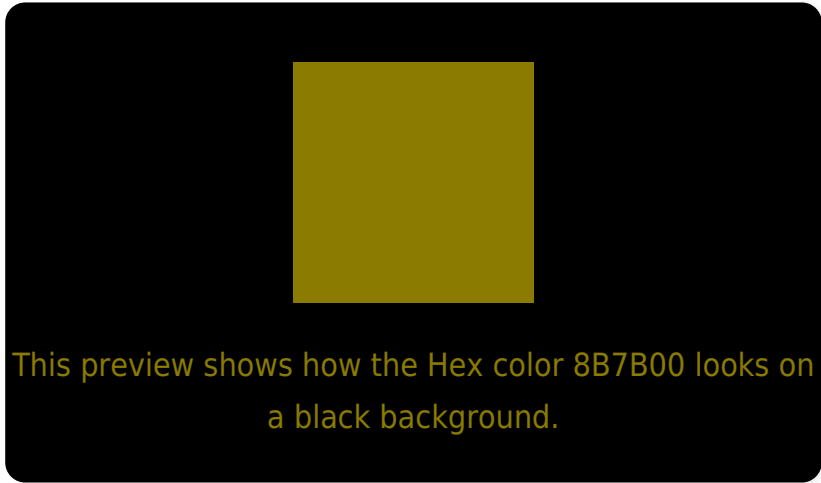
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B7B00 Background



This preview shows how black text looks on a background with the Hex color 8B7B00.



This preview shows how white text looks on a background with the Hex color 8B7B00.

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
8B7B00

Protanopia
8B7B01

Deuteranopia
9B740F



Tritanopia
92727B

Trichromacy



Original Color
8B7B00

Protanomaly
8B7B01

Deuteranomaly
95770A

Tritanomaly
8F754E

Monochromacy



Original Color
8B7B00

Achromatopsia
727272

Achromatomaly
7B7549

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B7B00 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 #8B7B00 looks like.

```
.text, #text, p{  
    color:#8B7B00  
}
```

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 #8B7B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B7B00
}
```

Border

The CSS property to change the border of an element to Hex 8B7B00 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
#8B7B00 }
```

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

```
.border{ border-color:#8B7B00 }
```

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

Here you see how a box with a 4 pixel #8B7B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B7B00; -webkit-box-shadow:4px 4px  
4px 4px #8B7B00; box-shadow:4px 4px 4px  
4px #8B7B00 }
```

Background

The CSS property to change the background color of an element to Hex 8B7B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B7B00 }
```

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

```
.background{ background-color:#8B7B00 }
```

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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