

# Converting Colors

Hex(8F7F00)

Have a look what the booklet for  
Hex(8F7F00) contains.

<b>Hex(8F7F00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8F7F00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F7F00
RGB	143, 127, 0
RGB Percent	56%, 50%, 0%
CMY	0.4392, 0.5020, 1.0000
CMYK	0.00, 0.11, 1.00, 0.44
HSL	53°, 100%, 28%
HSV	53°, 100%, 56%
XYZ	18.9171, 21.0184, 3.0599
YIQ	117.3060, 50.3030, -36.1050

# Conversions

## Conversions Part 2

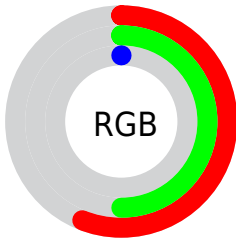
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 143, 0
Decimal	9404160
CIE Lab	52.97, -5.36, 58.11
CIE LCh	53, 58.353, 95.266
Yxy	21.0184, 0.4400, 0.4889
Android (android.graphics.Color)	4287594240 (0xFF8F7F00)
YUV	117.3060, -57.8319, 22.5336
Hunter-Lab	45.8458, -6.5769, 28.1348

# Details

The Hex color **8F7F00** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **00108F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **C8B343**, and **594E00** is the 20% darker color. If you saturate the color by 10%, you get **8F7F00**, and if you desaturate by 10%, it is **8F810E**.

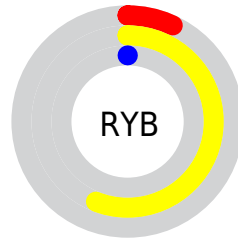
# Distribution



Red (56%)

Green (50%)

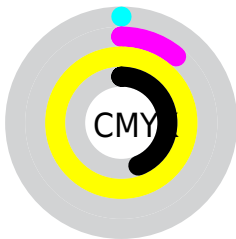
Blue (0%)



Red (7%)

Yellow (56%)

Blue (0%)

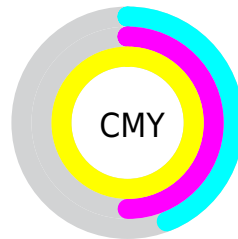


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (50%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F7F00 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 8F7F00 by changing the saturation by 10% instead.



 8F7F00

 8F7F00

FFFFFF

 736600

 C8B343

 594E00

 E6CF5D

 3E3800

 FFE878

 252300

 FFFF93

 030E00

 FFFF8F

 000000

 FFFF8F

 FFFF8F

 8F7F00

 8F810E

 8F821D

 8F842B

 8F8539

 8F8748

 8F8956

 8F8A64

 8F8C72

 8F8D81

# Harmonies

## Analogous

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



B86C1D



8F7F00



5B8C23

# Triad

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



8F7F00



0095B7



C157A9

# Complementary

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



8F7F00



00108F

# 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.



8B6DD1



8F7F00



008FD9

# Square

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



8F7F00



009686



0082E3



D84C78

# Rectangle

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



8F7F00



229142



0082E3



B35EB8



# Sweetspot

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



8F7F00



BAB482



8F0011



5E5B3C



DEDEDE



5E5E5E



# Same Dimension

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



8F7F00



BAA500



588F00



474740



877800



080700



# Inverse Universe

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



00108F



0015BA



37008F



404147



000F87



000108



# Previews

## White Background



This preview shows how the Hex color 8F7F00 looks on a white background.

## Color Contrast Check

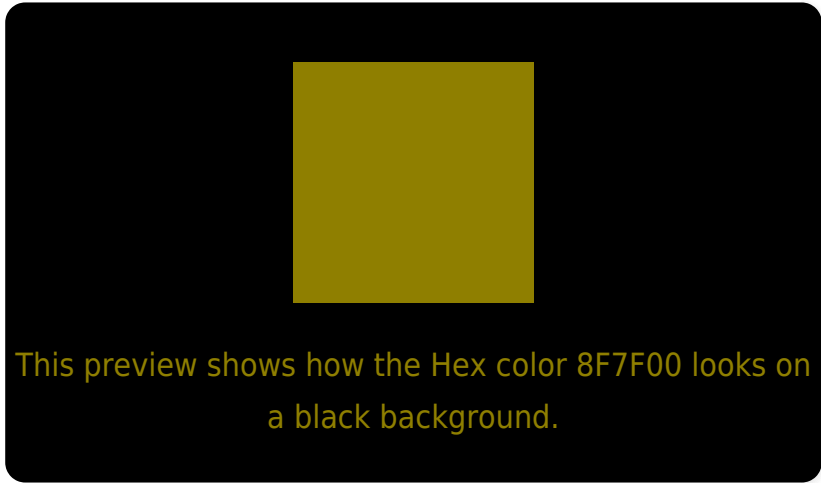
Large Text (above 18pt) WCAG AA ✓ Pass

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 8F7F00 Background



This preview shows how black text looks on a background with the Hex color 8F7F00.



This preview shows how white text looks on a background with the Hex color 8F7F00.

# 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**  
8F7F00

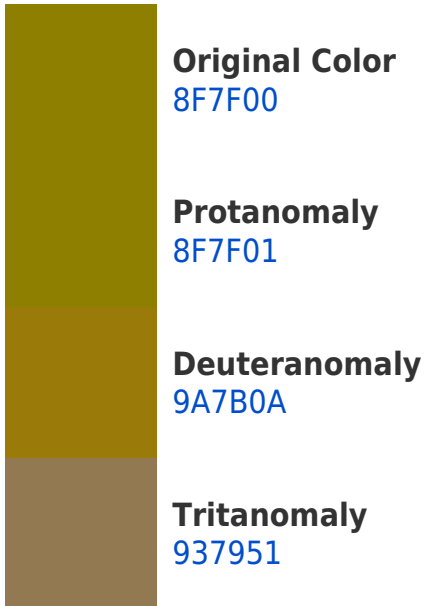
**Protanopia**  
8F7F01

**Deuteranopia**  
A07810



**Tritanopia**  
96767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F7F00 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 #8F7F00 looks like.

```
.text, #text, p{  
    color:#8F7F00  
}
```

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 #8F7F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F7F00
}
```

## Border

The CSS property to change the border of an element to Hex 8F7F00 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
#8F7F00 }
```

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

```
.border{ border-color:#8F7F00 }
```

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

Here you see how a box with a 4 pixel #8F7F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F7F00; -webkit-box-shadow:4px 4px  
4px 4px #8F7F00; box-shadow:4px 4px 4px  
4px #8F7F00 }
```

# Background

The CSS property to change the background color of an element to Hex 8F7F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F7F00 }
```

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

```
.background{ background-color:#8F7F00 }
```

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