

# Converting Colors

Hex(8A7900)

Have a look what the booklet for  
Hex(8A7900) contains.

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**Color**

**Hex(8A7900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A7900
RGB	138, 121, 0
RGB Percent	54%, 47%, 0%
CMY	0.4588, 0.5255, 1.0000
CMYK	0.00, 0.12, 1.00, 0.46
HSL	53°, 100%, 27%
HSV	53°, 100%, 54%
XYZ	17.3186, 19.0780, 2.7696
YIQ	112.2890, 48.9730, -34.0270

# Conversions

## Conversions Part 2

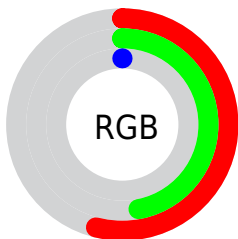
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 138, 0
Decimal	9074944
CIE Lab	50.78, -4.38, 56.32
CIE LCh	51, 56.486, 94.443
Yxy	19.0780, 0.4422, 0.4871
Android (android.graphics.Color)	4287265024 (0xFF8A7900)
YUV	112.2890, -55.3585, 22.5485
Hunter-Lab	43.6784, -5.6614, 26.8153

# Details

The Hex color **8A7900** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **00118A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **C3AD41**, and **544900** is the 20% darker color. If you saturate the color by 10%, you get **8A7900**, and if you desaturate by 10%, it is **8A7B0E**.

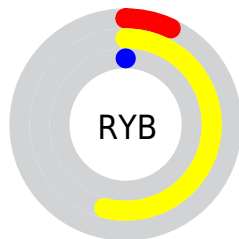
# Distribution



Red (54%)

Green (47%)

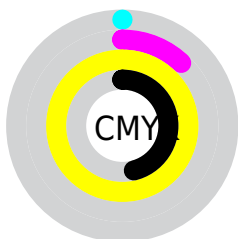
Blue (0%)



Red (7%)

Yellow (54%)

Blue (0%)

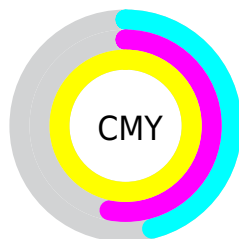


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7900 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 8A7900 by changing the saturation by 10% instead.



 8A7900

 8A7900

FFFFFF

 6E6000

 C3AD41

 544900

 E0C85B

 393300

 FEE476

 211E00

 FFFF91

 000500

 FFFFAD

 000000

 FFFF C9

 FFFF E6

 8A7900

 8A7B0E

 8A7C1C

 8A7E29

 8A8037

 8A8245

 8A8353

 8A8561

 8A876E

 8A887C

# Harmonies

## Analogous

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



B1671D



8A7900



588520

# Triad

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



8A7900



008EAE



B853A3

# Complementary

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



8A7900



00118A

# 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.



8369C9



8A7900



0089D0

# Square

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



8A7900



008F7F



007CD9



CE4874

# Rectangle

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



8A7900



248B3D



007CD9



AA5AB2



# Sweetspot

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



8A7900



B3AC7D



8A0012



595539



D9D9D9



595959



# Same Dimension

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



8A7900



B39D00



578A00



45443E



857400



050400



# Inverse Universe

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



00118A



0016B3



33008A



3E3F45



001085

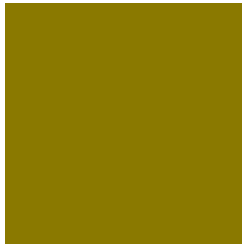


000105



# Previews

## White Background



This preview shows how the Hex color 8A7900 looks on a white background.

## Color Contrast Check

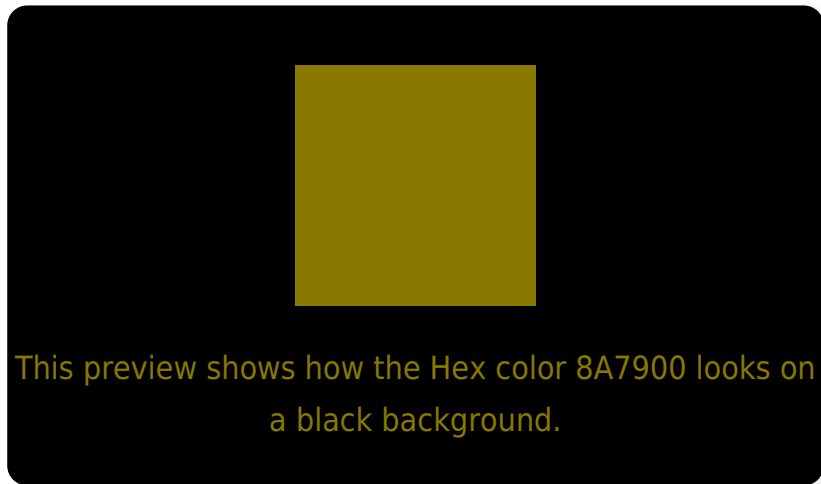
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A7900 Background



This preview shows how black text looks on a background with the Hex color 8A7900.



This preview shows how white text looks on a background with the Hex color 8A7900.

# 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**  
8A7900

**Protanopia**  
897902

**Deuteranopia**  
99730F



**Tritanopia**  
917079

# Trichromacy



**Original Color**  
8A7900

**Protanomaly**  
897901

**Deuteranomaly**  
94750A

**Tritanomaly**  
8E734D

# Monochromacy



**Original Color**  
8A7900

**Achromatopsia**  
707070

**Achromatomaly**  
797347

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7900 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 #8A7900 looks like.

```
.text, #text, p{  
    color:#8A7900  
}
```

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 #8A7900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7900
}
```

## Border

The CSS property to change the border of an element to Hex 8A7900 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
#8A7900 }
```

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

```
.border{ border-color:#8A7900 }
```

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

Here you see how a box with a 4 pixel #8A7900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7900; -webkit-box-shadow:4px 4px  
4px 4px #8A7900; box-shadow:4px 4px 4px  
4px #8A7900 }
```

# Background

The CSS property to change the background color of an element to Hex 8A7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7900 }
```

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

```
.background{ background-color:#8A7900 }
```

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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