

# Converting Colors

Hex(8A772D)

Have a look what the booklet for  
Hex(8A772D) contains.

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**Color**

**Hex(8A772D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A772D
RGB	138, 119, 45
RGB Percent	54%, 47%, 18%
CMY	0.4588, 0.5333, 0.8235
CMYK	0.00, 0.14, 0.67, 0.46
HSL	48°, 51%, 36%
HSV	48°, 67%, 54%
XYZ	17.5517, 18.7864, 5.1837
YIQ	116.2450, 35.0780, -18.9860

# Conversions

## Conversions Part 2

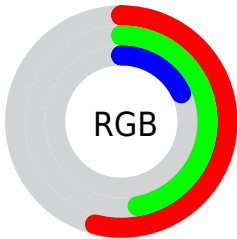
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 138, 45
Decimal	9074477
CIE <sub>Lab</sub>	50.44, -1.64, 42.06
CIE <sub>LCh</sub>	50, 42.091, 92.227
Yxy	18.7864, 0.4227, 0.4524
Android (android.graphics.Color)	4287264557 (0xFF8A772D)
YUV	116.2450, -35.1238, 19.0791
Hunter-Lab	43.3433, -3.5677, 23.2494

# Details

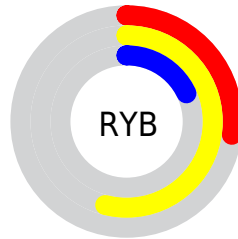
The Hex color **8A772D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2D408A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **C2AB5F**, and **554700** is the 20% darker color. If you saturate the color by 10%, you get **8A741F**, and if you desaturate by 10%, it is **8A7A3B**.

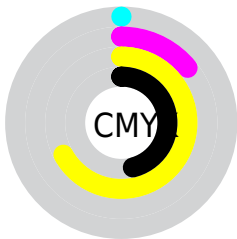
# Distribution



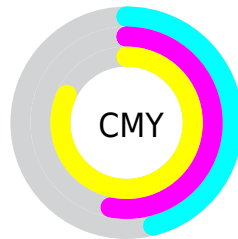
- Red (54%)
- Green (47%)
- Blue (18%)



- Red (27%)
- Yellow (54%)
- Blue (18%)



- Cyan (0%)
- Magenta (14%)
- Yellow (67%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A772D 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 8A772D by changing the saturation by 10% instead.



8A772D

8A772D

FFFFFF

6F5E13

C2AB5F

554700

DFC678

3C3100

FCE293

231C00

FFFFAE

000300

FFFFC9

000000

FFFFE6

8A772D

8A772D

8A741F

8A7A3B

 8A7111

 8A7D49

 8A6F04

 8A7F56

 8A6E00

 8A8264

 8A8572

 8A8880

 8A8B8E

 8A8E9B

 8A90A9

# Harmonies

## Analogous

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



A76A39



8A772D



658138

# Triad

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



8A772D



00899D



A6609A

# Complementary

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



8A772D



2D408A

# 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.



7E6EB5



8A772D



0084B7

# Square

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



8A772D



008A7A



387BC0



B95977

# Rectangle

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



8A772D



47864A



387BC0



9B64A4



# Sweetspot

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



8A772D



B3AB8F



8A2D41



595544



D9D9D9



595959



# Same Dimension

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



8A772D



B39522



708A2D



45433E



856A00



050400



# Inverse Universe

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



2D408A



223FB3



472D8A



3E3F45



001B85



000105



# Previews

## White Background



This preview shows how the Hex color 8A772D looks on a white background.

## Color Contrast Check

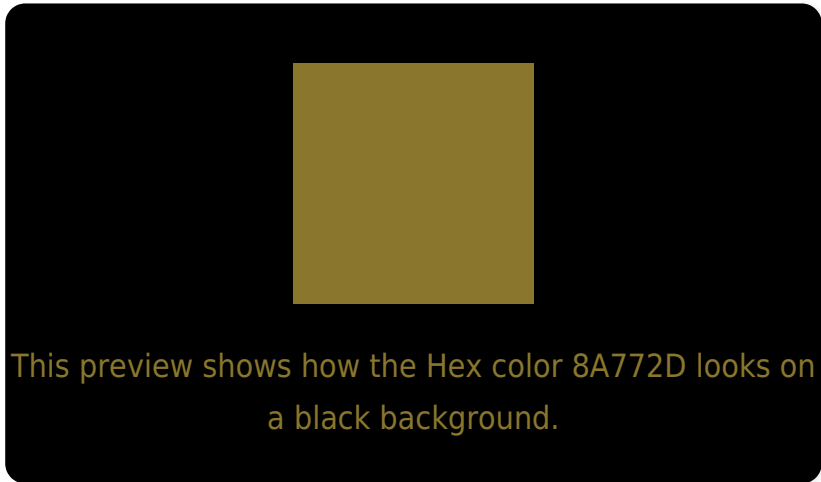
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A772D Background



This preview shows how black text looks on a background with the Hex color 8A772D.



This preview shows how white text looks on a background with the Hex color 8A772D.

# 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**  
8A772D

**Protanopia**  
86782D

**Deuteranopia**  
96722E



**Tritanopia**  
906F78

# Trichromacy



**Original Color**  
8A772D

**Protanomaly**  
87782D

**Deuteranomaly**  
92742E

**Tritanomaly**  
8E725D

# Monochromacy



**Original Color**  
8A772D

**Achromatopsia**  
747474

**Achromatomaly**  
7C755A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A772D 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 #8A772D looks like.

```
.text, #text, p{  
    color:#8A772D  
}
```

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 #8A772D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A772D
}
```

## Border

The CSS property to change the border of an element to Hex 8A772D 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
#8A772D }
```

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

```
.border{ border-color:#8A772D }
```

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

Here you see how a box with a 4 pixel #8A772D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A772D; -webkit-box-shadow:4px 4px  
4px 4px #8A772D; box-shadow:4px 4px 4px  
4px #8A772D }
```

# Background

The CSS property to change the background color of an element to Hex 8A772D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A772D }
```

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

```
.background{ background-color:#8A772D }
```

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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