

# Converting Colors

Hex(8A7D44)

Have a look what the booklet for  
Hex(8A7D44) contains.

<b>Hex(8A7D44)</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(8A7D44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A7D44
RGB	138, 125, 68
RGB Percent	54%, 49%, 27%
CMY	0.4588, 0.5098, 0.7333
CMYK	0.00, 0.09, 0.51, 0.46
HSL	49°, 34%, 40%
HSV	49°, 51%, 54%
XYZ	18.8582, 20.4879, 8.4295
YIQ	122.3890, 26.0450, -14.9710

# Conversions

## Conversions Part 2

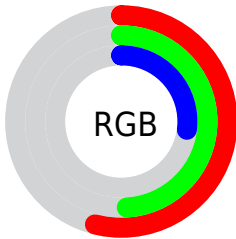
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	84, 138, 68
Decimal	9076036
CIE Lab	52.38, -3.14, 32.66
CIE LCh	52, 32.814, 95.483
Yxy	20.4879, 0.3947, 0.4288
Android (android.graphics.Color)	4287266116 (0xFF8A7D44)
YUV	122.3890, -26.8138, 13.6908
Hunter-Lab	45.2635, -4.8423, 20.6428

# Details

The Hex color **8A7D44** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44518A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C1B175**, and **564C15** is the 20% darker color. If you saturate the color by 10%, you get **8A7A36**, and if you desaturate by 10%, it is **8A8052**.

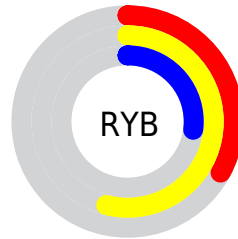
# Distribution



Red (54%)

Green (49%)

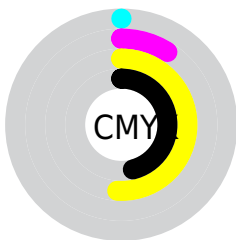
Blue (27%)



Red (33%)

Yellow (54%)

Blue (27%)

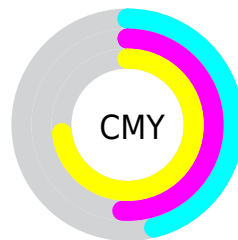


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (46%)



Cyan (46%)

Magenta (51%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7D44 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 8A7D44 by changing the saturation by 10% instead.



 8A7D44

 8A7D44

FFFFFF

 70642D

 C1B175

 564C15

 DD8D8F

 3E3600

 FAE9AA

 262100

 FFFFC6

 050B00

 FFFFE2

 000000

 8A7D44

 8A7D44

 8A7A36

 8A8052

 8A7828

 8A8260

 8A751B

 8A856D

 8A730D

 8A877B

 8A7000

 8A8A89

 8A8C97

 8A8FA5

 8A92B2

 8A94C0

# Harmonies

## Analogous

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



A2734A



8A7D44



6C854E

# Triad

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



8A7D44



008B9D



A46A95

# Complementary

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



8A7D44



44518A

# 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.



8774AB



8A7D44



1F86B0

# Square

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



8A7D44



178C81



5B7EB5



B26679

# Rectangle

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



8A7D44



55895C



5B7EB5



9C6D9D



# Sweetspot

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



8A7D44



B3AE98



8A4452



595649



D9D9D9



595959



# Same Dimension

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



8A7D44



B39E46



758A44



45443E



856C00



050400



# Inverse Universe

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



44518A



465AB3



59448A



3E3F45



001985



000105



# Previews

## White Background



This preview shows how the Hex color 8A7D44 looks on a white background.

## Color Contrast Check

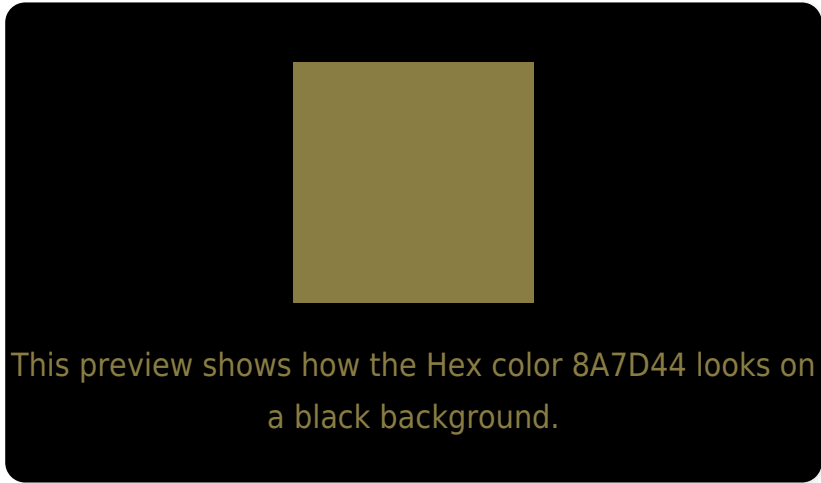
Large Text (above 18pt) WCAG AA ✓ Pass

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

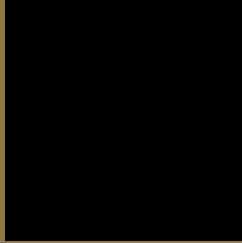
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A7D44 Background



This preview shows how black text looks on a background with the Hex color 8A7D44.



This preview shows how white text looks on a background with the Hex color 8A7D44.

# 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**


8A7D44

**Protanopia**

8A7D44

**Deuteranopia**

997745



**Tritanopia**  
90767F

# Trichromacy



**Original Color**  
8A7D44

**Protanomaly**  
8A7D44

**Deuteranomaly**  
947945

**Tritanomaly**  
8E796A

# Monochromacy



**Original Color**  
8A7D44

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
807B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7D44 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 #8A7D44 looks like.

```
.text, #text, p{  
    color:#8A7D44  
}
```

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 #8A7D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7D44
}
```

## Border

The CSS property to change the border of an element to Hex 8A7D44 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
#8A7D44 }
```

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

```
.border{ border-color:#8A7D44 }
```

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

Here you see how a box with a 4 pixel #8A7D44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7D44; -webkit-box-shadow:4px 4px  
4px 4px #8A7D44; box-shadow:4px 4px 4px  
4px #8A7D44 }
```

# Background

The CSS property to change the background color of an element to Hex 8A7D44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7D44 }
```

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

```
.background{ background-color:#8A7D44 }
```

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