

# Converting Colors

Hex(8A6D44)

Have a look what the booklet for  
Hex(8A6D44) contains.

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**Color**

**Hex(8A6D44)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A6D44
RGB	138, 109, 68
RGB Percent	54%, 43%, 27%
CMY	0.4588, 0.5725, 0.7333
CMYK	0.00, 0.21, 0.51, 0.46
HSL	35°, 34%, 40%
HSV	35°, 51%, 54%
XYZ	16.9933, 16.7579, 7.8078
YIQ	112.9970, 30.4450, -6.6030

# Conversions

## Conversions Part 2

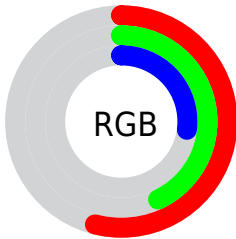
Format	Color
<a href="#">RYB</a>	<a href="#">118, 138, 68</a>
Decimal	<a href="#">9071940</a>
CIELab	<a href="#">47.95, 6.01, 27.17</a>
CIElCh	<a href="#">48, 27.831, 77.521</a>
Yxy	<a href="#">16.7579, 0.4089, 0.4032</a>
Android (android.graphics.Color)	<a href="#">4287262020 (0xFF8A6D44)</a>
YUV	<a href="#">112.9970, -22.1835, 21.9276</a>
Hunter-Lab	<a href="#">40.9364, 2.4590, 17.3471</a>

# Details

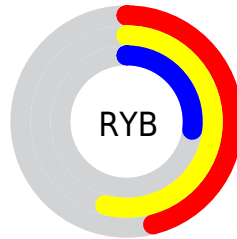
The Hex color **8A6D44** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **44618A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **C1A075**, and **563E17** is the 20% darker color. If you saturate the color by 10%, you get **8A6736**, and if you desaturate by 10%, it is **8A7352**.

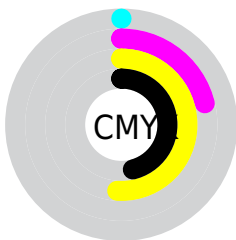
# Distribution



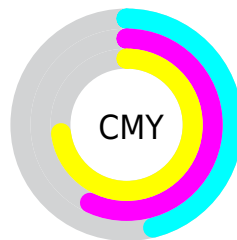
- Red (54%)
- Green (43%)
- Blue (27%)



- Red (46%)
- Yellow (54%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (46%)



- Cyan (46%)
- Magenta (57%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A6D44 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 8A6D44 by changing the saturation by 10% instead.





8A6D44



8A6D44

FFFFFF



70552D



C1A075



563E17



DEBB8F



3D2800



FBD7A9



251400



FFF3C5



000000



FFFFE1

FFFFFFE



8A6D44



8A6D44



8A6736



8A7352

■ 8A6228

■ 8A7860

■ 8A5C1B

■ 8A7E6D

■ 8A560D

■ 8A847B

■ 8A5100

■ 8A8A89

■ 8A8F97

■ 8A95A5

■ 8A9BB2

■ 8AA0C0

# Harmonies

## Analogous

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



9A6550



8A6D44



747544

# Triad

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



8A6D44



1A7E7F



866792

# Complementary

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



8A6D44



44618A

# 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.



666F9E



8A6D44



167C94

# Square

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



8A6D44



3B7E67



3F779F



99617D

# Rectangle

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



8A6D44



62794C



3F779F



7C6A97



# Sweetspot

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



8A6D44



B3A798



8A4461



595349



D9D9D9



595959



# Same Dimension

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



8A6D44



B38546



848A44



45423E



854E00



050300



# Inverse Universe

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



44618A



4673B3



4A448A



3E4145



003785

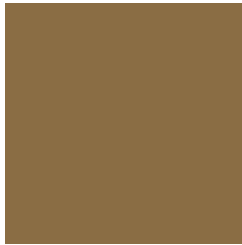


000205



# Previews

## White Background



This preview shows how the Hex color 8A6D44 looks on a white 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

# Black 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

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



## Hex 8A6D44 Background



This preview shows how black text looks on a background with the Hex color 8A6D44.



This preview shows how white text looks on a background with the Hex color 8A6D44.

# 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**  
8A6D44

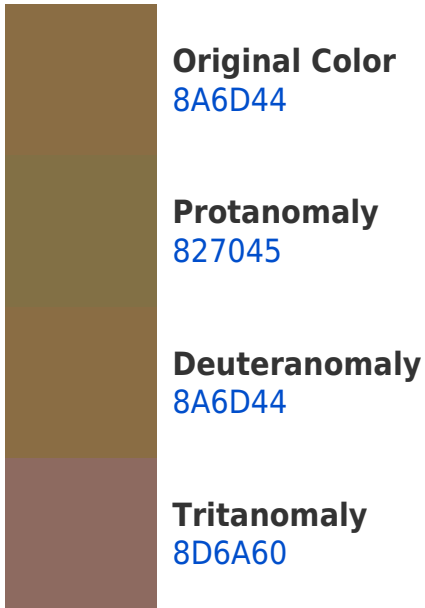
**Protanopia**  
7D7246

**Deuteranopia**  
8A6D44

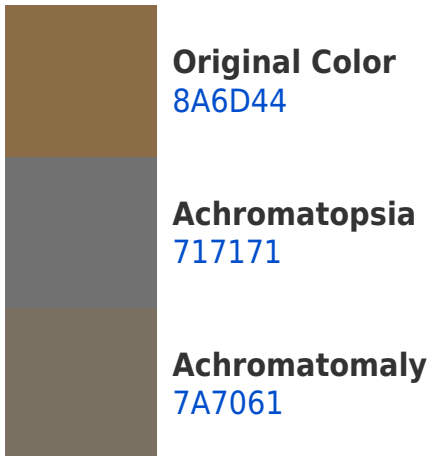


**Tritanopia**  
8E6870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A6D44 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 #8A6D44 looks like.

```
.text, #text, p{  
    color:#8A6D44  
}
```

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 #8A6D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A6D44
}
```

## Border

The CSS property to change the border of an element to Hex 8A6D44 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
#8A6D44 }
```

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

```
.border{ border-color:#8A6D44 }
```

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

Here you see how a box with a 4 pixel #8A6D44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A6D44; -webkit-box-shadow:4px 4px  
4px 4px #8A6D44; box-shadow:4px 4px 4px  
4px #8A6D44 }
```

# Background

The CSS property to change the background color of an element to Hex 8A6D44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A6D44 }
```

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

```
.background{ background-color:#8A6D44 }
```

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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