

# Converting Colors

Hex(8A704D)

Have a look what the booklet for  
Hex(8A704D) contains.

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**Color**

**Hex(8A704D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A704D
RGB	138, 112, 77
RGB Percent	54%, 44%, 30%
CMY	0.4588, 0.5608, 0.6980
CMYK	0.00, 0.19, 0.44, 0.46
HSL	34°, 28%, 42%
HSV	34°, 44%, 54%
XYZ	17.6150, 17.5274, 9.4759
YIQ	115.7840, 26.7310, -5.3730

# Conversions

## Conversions Part 2

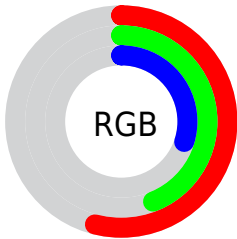
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 138, 77
Decimal	9072717
CIELab	48.92, 5.25, 23.30
CIELCh	49, 23.881, 77.297
Yxy	17.5274, 0.3948, 0.3928
Android (android.graphics.Color)	4287262797 (0xFF8A704D)
YUV	115.7840, -19.1205, 19.4834
Hunter-Lab	41.8658, 1.8385, 15.8863

# Details

The Hex color **8A704D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D678A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C1A47E**, and **564020** is the 20% darker color. If you saturate the color by 10%, you get **8A6A3F**, and if you desaturate by 10%, it is **8A765B**.

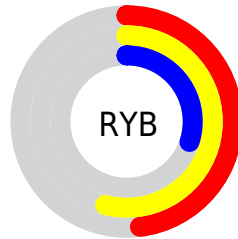
# Distribution



Red (54%)

Green (44%)

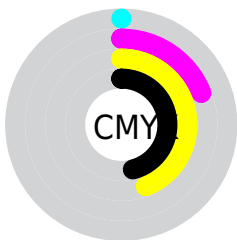
Blue (30%)



Red (48%)

Yellow (54%)

Blue (30%)

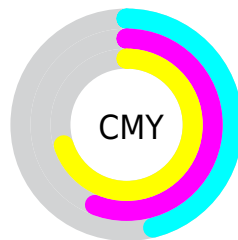


Cyan (0%)

Magenta (19%)

Yellow (44%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A704D 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 8A704D by changing the saturation by 10% instead.





8A704D



8A704D

FFFFFF



705836



C1A47E



564020



DDBF98



3E2A0A



FADAB3



271600



FFF7CF



020000



FFFFEB



000000



8A704D



8A704D



8A6A3F



8A765B



8A6431



8A7C69

 8A5E24

 8A8276

 8A5816

 8A8884

 8A5308

 8A8D92

 8A4F00

 8A93A0

 8A99AE

 8A9FBB

 8AA5C9

# Harmonies

## Analogous

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



986957



8A704D



76774D

# Triad

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



8A704D



347F7F



856B90

# Complementary

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



8A704D



4D678A

# 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.



6B729B



8A704D



347D91

# Square

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



8A704D



487F6B



4C799B



97667E

# Rectangle

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



8A704D



677A54



4C799B



7D6D94



# Sweetspot

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



8A704D



B3A99B



8A4D67



59534B



D9D9D9



595959



# Same Dimension

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



8A704D



B38A54



868A4D



45423E



854C00



050300



# Inverse Universe

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



4D678A



547CB3



514D8A



3E4145



003985

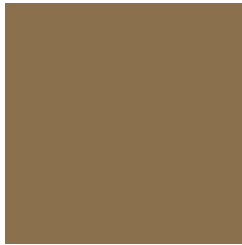


000205



# Previews

## White Background



This preview shows how the Hex color 8A704D 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 ✓ Pass

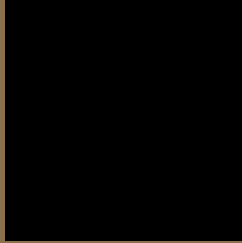
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A704D Background



This preview shows how black text looks on a background with the Hex color 8A704D.



This preview shows how white text looks on a background with the Hex color 8A704D.

# 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**  
8A704D

**Protanopia**  
7E744F

**Deuteranopia**  
8C6F4D



**Tritanopia**  
8E6B73

# Trichromacy



**Original Color**  
8A704D

**Protanomaly**  
82734E

**Deuteranomaly**  
8B6F4D

**Tritanomaly**  
8D6D65

# Monochromacy



**Original Color**  
8A704D

**Achromatopsia**  
747474

**Achromatomaly**  
7C7366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A704D 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 #8A704D looks like.

```
.text, #text, p{  
    color:#8A704D  
}
```

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 #8A704D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A704D
}
```

## Border

The CSS property to change the border of an element to Hex 8A704D 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
#8A704D }
```

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

```
.border{ border-color:#8A704D }
```

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

Here you see how a box with a 4 pixel #8A704D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A704D; -webkit-box-shadow:4px 4px  
4px 4px #8A704D; box-shadow:4px 4px 4px  
4px #8A704D }
```

# Background

The CSS property to change the background color of an element to Hex 8A704D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A704D }
```

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

```
.background{ background-color:#8A704D }
```

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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