

# Converting Colors

Hex(8A684D)

Have a look what the booklet for  
Hex(8A684D) contains.

<b>Hex(8A684D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8A684D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A684D
RGB	138, 104, 77
RGB Percent	54%, 41%, 30%
CMY	0.4588, 0.5922, 0.6980
CMYK	0.00, 0.25, 0.44, 0.46
HSL	27°, 28%, 42%
HSV	27°, 44%, 54%
XYZ	16.7711, 15.8397, 9.1946
YIQ	111.0880, 28.9310, -1.1890

# Conversions

## Conversions Part 2

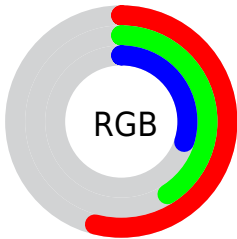
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 125, 77
Decimal	9070669
CIE <sub>Lab</sub>	46.76, 9.91, 20.47
CIE <sub>LCh</sub>	47, 22.741, 64.164
Yxy	15.8397, 0.4012, 0.3789
Android (android.graphics.Color)	4287260749 (0xFF8A684D)
YUV	111.0880, -16.8054, 23.6018
Hunter-Lab	39.7992, 5.5702, 14.1619

# Details

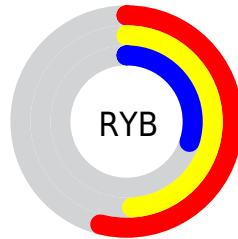
The Hex color **8A684D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4D6F8A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **C19B7E**, and **563920** is the 20% darker color. If you saturate the color by 10%, you get **8A603F**, and if you desaturate by 10%, it is **8A705B**.

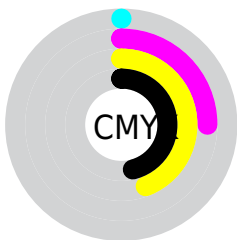
# Distribution



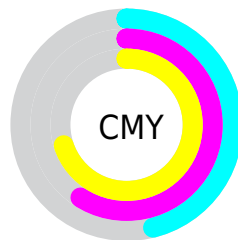
- Red (54%)
- Green (41%)
- Blue (30%)



- Red (54%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (46%)



- Cyan (46%)
- Magenta (59%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A684D 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 8A684D by changing the saturation by 10% instead.



 8A684D

 8A684D

FFFFFF

 705036

 C19B7E

 563920

 DDB698

 3E230A

 FAD2B3

 260F00

 FFEECF

 000000

 FFFFEB

 8A684D

 8A684D

 8A603F

 8A705B

 8A5931

 8A7769

 8A5124

 8A7F76

 8A4916

 8A8784

 8A4208

 8A8E92

 8A3D00

 8A96A0

 8A9EAE

 8AA6BB

 8AADC9

# Harmonies

## Analogous

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



94635A



8A684D



7A6F49

# Triad

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



8A684D



3A7971



75698E

# Complementary

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



8A684D



4D6F8A

# 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.



5A7095



8A684D



307984

# Square

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



8A684D



4F785E



3E7591



896380

# Rectangle

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



8A684D



6C724C



3E7591



6C6B92



# Sweetspot

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



8A684D



B3A69B



8A4D70



59514B



D9D9D9



595959



# Same Dimension

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



8A684D



B37E54



8A864D



45413E



853B00



050200



# Inverse Universe

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



4D6F8A



5489B3



4D518A



3E4245



004A85

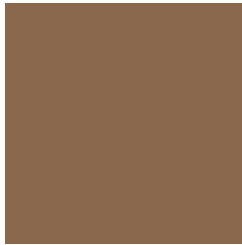


000305



# Previews

## White Background



This preview shows how the Hex color 8A684D 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 8A684D Background



This preview shows how black text looks on a background with the Hex color 8A684D.



This preview shows how white text looks on a background with the Hex color 8A684D.

# 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**  
8A684D

**Protanopia**  
786F50

**Deuteranopia**  
856A4D



**Tritanopia**  
8D646C

# Trichromacy



**Original Color**  
8A684D

**Protanomaly**  
7F6C4F

**Deuteranomaly**  
87694D

**Tritanomaly**  
8C6561

# Monochromacy



**Original Color**  
8A684D

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
796C63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A684D 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 #8A684D looks like.

```
.text, #text, p{  
    color:#8A684D  
}
```

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 #8A684D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A684D
}
```

## Border

The CSS property to change the border of an element to Hex 8A684D is called "border". The border property can be set on classes, ids or directly on the HTML element.

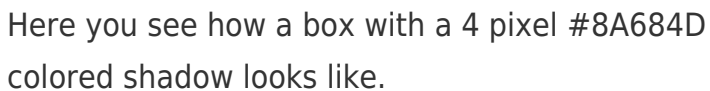
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A684D }
```

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

```
.border{ border-color:#8A684D }
```

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



Here you see how a box with a 4 pixel #8A684D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A684D; -webkit-box-shadow:4px 4px  
4px 4px #8A684D; box-shadow:4px 4px 4px  
4px #8A684D }
```

# Background

The CSS property to change the background color of an element to Hex 8A684D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A684D }
```

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

```
.background{ background-color:#8A684D }
```

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