

# Converting Colors

Hex(8F6748)

Have a look what the booklet for  
Hex(8F6748) contains.

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**Color**

**Hex(8F6748)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F6748
RGB	143, 103, 72
RGB Percent	56%, 40%, 28%
CMY	0.4392, 0.5961, 0.7176
CMYK	0.00, 0.28, 0.50, 0.44
HSL	26°, 33%, 42%
HSV	26°, 50%, 56%
XYZ	17.3476, 16.0080, 8.3064
YIQ	111.4260, 33.7910, -1.1610

# Conversions

## Conversions Part 2

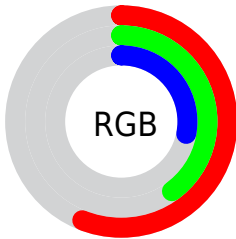
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 127, 72
Decimal	9398088
CIE <sub>Lab</sub>	46.99, 12.13, 23.77
CIE <sub>LCh</sub>	47, 26.689, 62.960
Yxy	16.0080, 0.4164, 0.3842
Android (android.graphics.Color)	4287588168 (0xFF8F6748)
YUV	111.4260, -19.4370, 27.6904
Hunter-Lab	40.0100, 7.3769, 15.6979

# Details

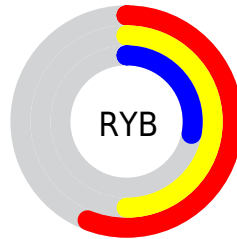
The Hex color **8F6748** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **48708F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **C79A79**, and **5A381B** is the 20% darker color. If you saturate the color by 10%, you get **8F5F3A**, and if you desaturate by 10%, it is **8F6F56**.

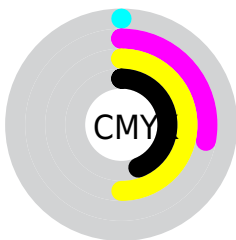
# Distribution



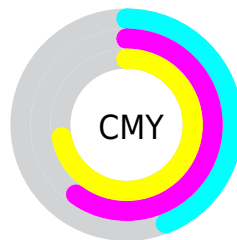
- Red (56%)
- Green (40%)
- Blue (28%)



- Red (56%)
- Yellow (50%)
- Blue (28%)



- Cyan (0%)
- Magenta (28%)
- Yellow (50%)
- Black (44%)



- Cyan (44%)
- Magenta (60%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F6748 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 8F6748 by changing the saturation by 10% instead.



 8F6748

 8F6748

FFFFFF

 744F31

 C79A79

 5A381B

 E3B593

 412203

 FFD1AE

 290E00

 FFEDC9

 000000

 FFFF E5

 8F6748

 8F6748

 8F5F3A

 8F6F56

 8F572B

 8F7765

 8F4F1D

 8F7F73

 8F470F

 8F8781

 8F3F00

 8F8F90

 8F3E00

 8F979E

 8F9FAC

 8FA7BA

 8FB0C9

# Harmonies

## Analogous

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



9A6058



8F6748



7C6F42

# Triad

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



8F6748



2C7B71



756995

# Complementary

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



8F6748



48708F

# 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.



53719C



8F6748



167B87

# Square

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



8F6748



4A7A5A



2D7797



8E6184

# Rectangle

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



8F6748



6D7345



2D7797



6B6C99



# Sweetspot

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



8F6748



BAAA9E



8F4870



5E554D



DEDEDE



5E5E5E



# Same Dimension

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



8F6748



BA7B4A



8F8A48



474340



873B00



080300



# Inverse Universe

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



48708F



4A89BA



484D8F



404447



004C87



000408



# Previews

## White Background



This preview shows how the Hex color 8F6748 looks on a white background.

## Color Contrast Check

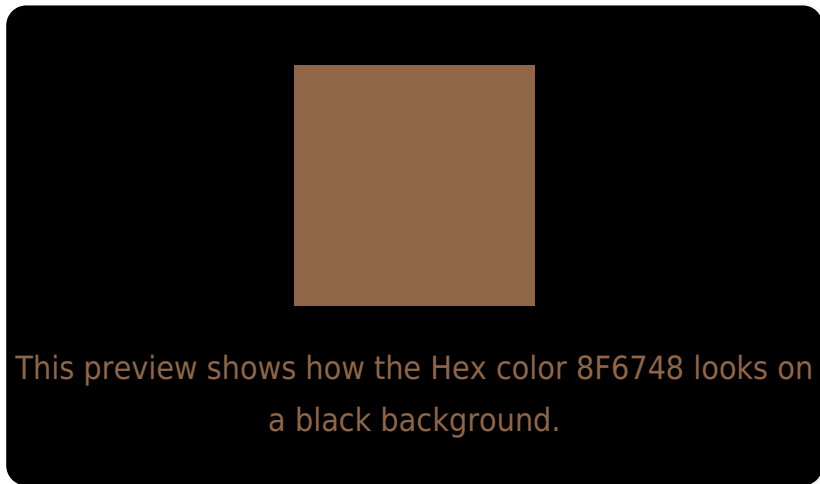
Large Text (above 18pt) WCAG AA ✓ Pass

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

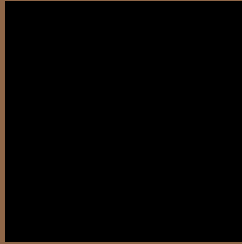
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8F6748 Background



This preview shows how black text looks on a background with the Hex color 8F6748.



This preview shows how white text looks on a background with the Hex color 8F6748.

# 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**  
8F6748

**Protanopia**  
79704B

**Deuteranopia**  
876B47



**Tritanopia**  
92636A

# Trichromacy



**Original Color**  
8F6748

**Protanomaly**  
816D4A

**Deuteranomaly**  
8A6A47

**Tritanomaly**  
91645E

# Monochromacy



**Original Color**  
8F6748

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
7B6C61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F6748 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 #8F6748 looks like.

```
.text, #text, p{  
    color:#8F6748  
}
```

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 #8F6748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F6748
}
```

## Border

The CSS property to change the border of an element to Hex 8F6748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

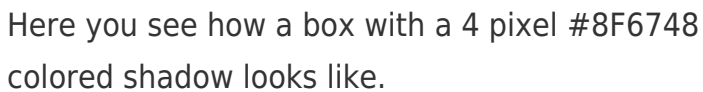
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F6748 }
```

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

```
.border{ border-color:#8F6748 }
```

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



Here you see how a box with a 4 pixel #8F6748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F6748; -webkit-box-shadow:4px 4px  
4px 4px #8F6748; box-shadow:4px 4px 4px  
4px #8F6748 }
```

# Background

The CSS property to change the background color of an element to Hex 8F6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F6748 }
```

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

```
.background{ background-color:#8F6748 }
```

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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