

# Converting Colors

Hex(88644F)

Have a look what the booklet for  
Hex(88644F) contains.

<b>Hex(88644F)</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(88644F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88644F
RGB	136, 100, 79
RGB Percent	53%, 39%, 31%
CMY	0.4667, 0.6078, 0.6902
CMYK	0.00, 0.26, 0.42, 0.47
HSL	22°, 27%, 42%
HSV	22°, 42%, 53%
XYZ	16.1218, 14.9131, 9.4259
YIQ	108.3700, 28.1970, 1.1010

# Conversions

## Conversions Part 2

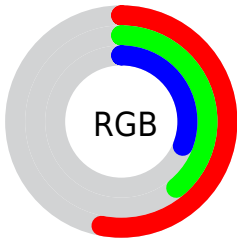
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 112, 79
Decimal	8938575
CIE <sub>Lab</sub>	45.51, 11.63, 17.59
CIE <sub>LCh</sub>	46, 21.081, 56.533
Yxy	14.9131, 0.3985, 0.3686
Android (android.graphics.Color)	4287128655 (0xFF88644F)
YUV	108.3700, -14.4794, 24.2315
Hunter-Lab	38.6175, 6.9385, 12.5604




# Details

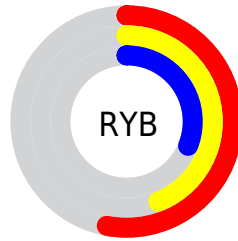
The Hex color **88644F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4F7388**, and the grayscale version is **6C6C6C**.




A 20% lighter version of the original color is **BF9780**, and **543522** is the 20% darker color. If you saturate the color by 10%, you get **885B41**, and if you desaturate by 10%, it is **886D5D**.

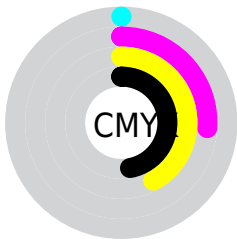
# Distribution







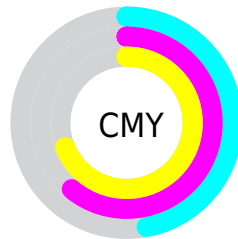
-  Red (53%)
-  Green (39%)
-  Blue (31%)






-  Red (53%)
-  Yellow (44%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (42%)
-  Black (47%)



-  Cyan (47%)
-  Magenta (61%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88644F 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 88644F by changing the saturation by 10% instead.



 88644F

 88644F

FFFFFF

 6E4C38

 BF9780

 543522

 DBB29A

 3C200D

 F8CDB5

 250A00

 FFE9D1

 000000

 FFFFED

 88644F

 88644F

 885B41

 886D5D

 885334

 88756A

 884A26

 887E78

 884219

 888685

 88390B

 888F93

 883200

 8898A1

 88A0AE

 88A9BC

 88B1C9

# Harmonies

## Analogous

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



8F605D



88644F



7A6A49

# Triad

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



88644F



407569



6C688B

# Complementary

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



88644F



4F7388

# 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.



526E8F



88644F



34757B

# Square

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



88644F



537358



3B7389



80627F

# Rectangle

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



88644F



6E6E4A



3B7389



636A8D



# Sweetspot

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



88644F



B0A299



884F73



59504B



D9D9D9



595959



# Same Dimension

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



88644F



B07858



88804F



45413E



853100



050200



# Inverse Universe

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



4F7388



5890B0



4F5788



3E4245



005485



000305



# Previews

## White Background



This preview shows how the Hex color 88644F looks on a white background.

## Color Contrast Check

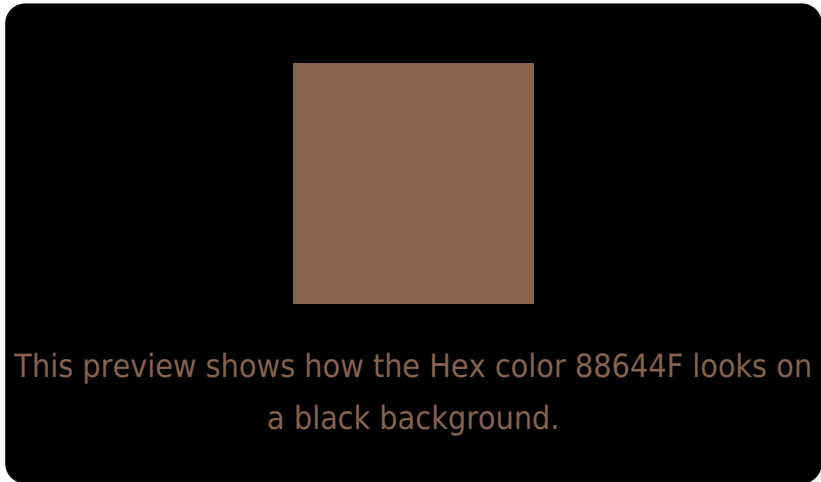
Large Text (above 18pt) WCAG AA ✓ Pass

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

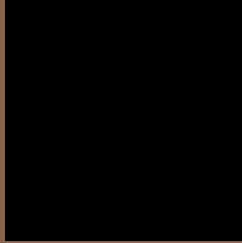
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 88644F Background



This preview shows how black text looks on a background with the Hex color 88644F.



This preview shows how white text looks on a background with the Hex color 88644F.

# 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**  
88644F

**Protanopia**  
736C52

**Deuteranopia**  
80674E



**Tritanopia**  
8A6168

# Trichromacy



**Original Color**  
88644F

**Protanomaly**  
7B6951

**Deuteranomaly**  
83664E

**Tritanomaly**  
89625F

# Monochromacy



**Original Color**  
88644F

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
766961

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88644F 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 #88644F looks like.

```
.text, #text, p{  
    color:#88644F  
}
```

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 #88644F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88644F
}
```

## Border

The CSS property to change the border of an element to Hex 88644F is called "border". The border property can be set on classes, ids or directly on the HTML element.

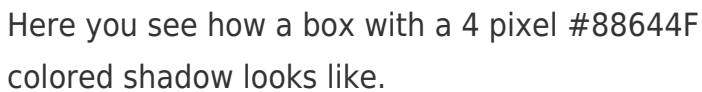
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88644F }
```

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

```
.border{ border-color:#88644F }
```

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



Here you see how a box with a 4 pixel #88644F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88644F; -webkit-box-shadow:4px 4px  
4px 4px #88644F; box-shadow:4px 4px 4px  
4px #88644F }
```

# Background

The CSS property to change the background color of an element to Hex 88644F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88644F }
```

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

```
.background{ background-color:#88644F }
```

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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