

# Converting Colors

Hex(844F40)

Have a look what the booklet for  
Hex(844F40) contains.

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# Color

**Hex(844F40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844F40
RGB	132, 79, 64
RGB Percent	52%, 31%, 25%
CMY	0.4824, 0.6902, 0.7490
CMYK	0.00, 0.40, 0.52, 0.48
HSL	13°, 35%, 38%
HSV	13°, 52%, 52%
XYZ	13.2371, 10.8677, 6.2505
YIQ	93.1370, 36.4030, 6.5710

# Conversions

## Conversions Part 2

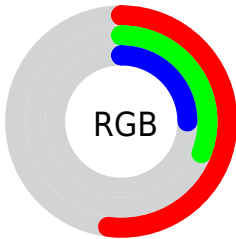
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 83, 64</a>
Decimal	<a href="#">8671040</a>
<a href="#">CIELab</a>	<a href="#">39.36, 20.57, 18.29</a>
<a href="#">CIElCh</a>	<a href="#">39, 27.523, 41.649</a>
<a href="#">Yxy</a>	<a href="#">10.8677, 0.4361, 0.3580</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4286861120 (0xFF844F40)</a>
<a href="#">YUV</a>	<a href="#">93.1370, -14.3645, 34.0829</a>
<a href="#">Hunter-Lab</a>	<a href="#">32.9661, 13.9836, 11.8347</a>

# Details

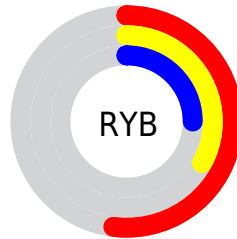
The Hex color **844F40** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **407584**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BB8170**, and **4F2115** is the 20% darker color. If you saturate the color by 10%, you get **844533**, and if you desaturate by 10%, it is **84594D**.

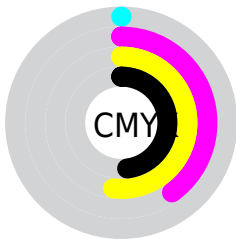
# Distribution



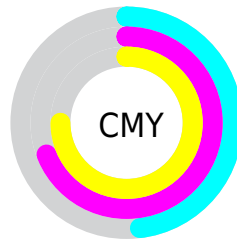
- Red (52%)
- Green (31%)
- Blue (25%)



- Red (52%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (52%)
- Black (48%)



- Cyan (48%)
- Magenta (69%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844F40 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 844F40 by changing the saturation by 10% instead.



 844F40

 844F40

FFFFFF

 69382A

 BB8170

 4F2115

 D89B89

 370B00

 F5B6A4

 200001

 FFD2BF

 000000

 FFEEDB

 FFFFF7

 844F40

 844F40

 844533

 84594D

■ 843A26

■ 84645A

■ 843018

■ 846E68

■ 84260B

■ 847875

■ 841D00

■ 848282

■ 848D8F

■ 84979C

■ 84A1AA

■ 84ACB7

# Harmonies

## Analogous

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



884B55



844F40



775732

# Triad

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



844F40



2C674E



495C88

# Complementary

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



844F40



407584

# 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.



1A6387



844F40



006865

# Square

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



844F40



4A643A



00677A



6A547E

# Rectangle

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



844F40



6A5C2F



00677A



3C5F89



# Sweetspot

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



844F40



AB9791



844075



574B47



D6D6D6



575757



# Same Dimension

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



844F40



AB5841



847140



423D3C



821D00



030100



# Inverse Universe

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



407584



4193AB



405384



3C4142



006582



000203



# Previews

## White Background



This preview shows how the Hex color 844F40 looks on a white background.

## Color Contrast Check

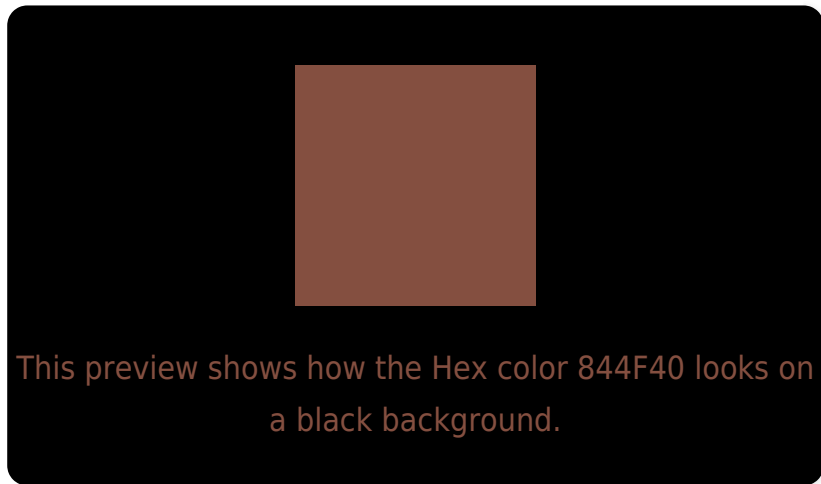
Large Text (above 18pt) WCAG AA ✓ Pass

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

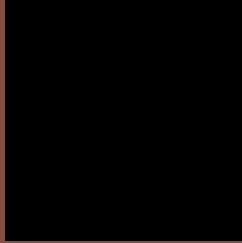
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 844F40 Background



This preview shows how black text looks on a background with the Hex color 844F40.



This preview shows how white text looks on a background with the Hex color 844F40.

# 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**  
844F40

**Protanopia**  
645D46

**Deuteranopia**  
70593E



**Tritanopia**  
854C52

# Trichromacy



**Original Color**  
844F40

**Protanomaly**  
705844

**Deuteranomaly**  
77553F

**Tritanomaly**  
854D4B

# Monochromacy



**Original Color**  
844F40

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6B5852

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844F40 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 #844F40 looks like.

```
.text, #text, p{  
    color:#844F40  
}
```

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 #844F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844F40
}
```

## Border

The CSS property to change the border of an element to Hex 844F40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

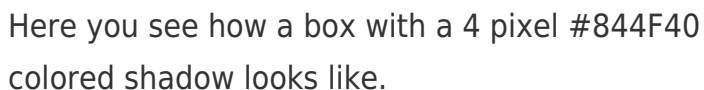
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844F40 }
```

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

```
.border{ border-color:#844F40 }
```

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



Here you see how a box with a 4 pixel #844F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844F40; -webkit-box-shadow:4px 4px  
4px 4px #844F40; box-shadow:4px 4px 4px  
4px #844F40 }
```

# Background

The CSS property to change the background color of an element to Hex 844F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844F40 }
```

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

```
.background{ background-color:#844F40 }
```

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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