

# Converting Colors

Hex(8A473F)

Have a look what the booklet for  
Hex(8A473F) contains.

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# Color

**Hex(8A473F)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8A473F                    |
| RGB           | 138, 71, 63               |
| RGB Percent   | 54%, 28%, 25%             |
| CMY           | 0.4588, 0.7216, 0.7529    |
| CMYK          | 0.00, 0.49, 0.54, 0.46    |
| HSL           | 6°, 37%, 39%              |
| HSV           | 6°, 54%, 54%              |
| XYZ           | 13.6317, 10.2686, 5.9662  |
| YIQ           | 90.1210, 42.5000, 11.7160 |

# Conversions

## Conversions Part 2

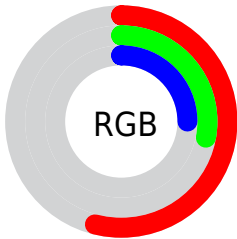
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 138, 72, 63                   |
| Decimal                             | 9062207                       |
| CIE Lab                             | 38.32, 27.58, 17.69           |
| CIE LCh                             | 38, 32.769, 32.676            |
| Yxy                                 | 10.2686, 0.4564,<br>0.3438    |
| Android<br>(android.graphics.Color) | 4287252287<br>(0xFF8A473F)    |
| YUV                                 | 90.1210, -13.3707,<br>41.9899 |
| Hunter-Lab                          | 32.0447, 19.8549,<br>11.3925  |

# Details

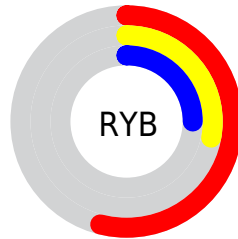
The Hex color **8A473F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3F828A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C2796F**, and **541815** is the 20% darker color. If you saturate the color by 10%, you get **8A3B31**, and if you desaturate by 10%, it is **8A534D**.

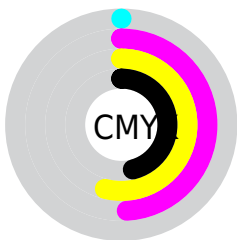
# Distribution



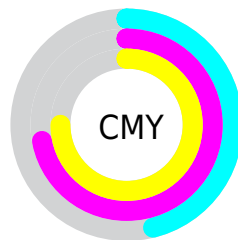
- Red (54%)
- Green (28%)
- Blue (25%)



- Red (54%)
- Yellow (28%)
- Blue (25%)



- Cyan (0%)
- Magenta (49%)
- Yellow (54%)
- Black (46%)



- Cyan (46%)
- Magenta (72%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A473F 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 8A473F by changing the saturation by 10% instead.



 8A473F

 8A473F

FFFFFF

 6F2F29

 C2796F

 541815

 DF9388

 3B0100

 FDAEA2

 220001

 FFCABD

 000000

 FFE6D9

 FFFFF6

 8A473F

 8A473F

 8A3B31

 8A534D

 8A2E23

 8A605B

 8A2216

 8A6C68

 8A1608

 8A7876

 8A0F00

 8A8584

 8A9192

 8A9DA0

 8AAAAD

 8AB6BB

# Harmonies

## Analogous

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



8B4459



8A473F



7D502B

# Triad

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



8A473F



286641



2E5C8F

# Complementary

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



8A473F



3F828A

# 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.



006389



8A473F



00685C

# Square

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



8A473F



4C612C



006776



5F5287

# Rectangle

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



8A473F



6F5724



006776



115F8F



# Sweetspot

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



8A473F



B39996



8A3F83



594A48



D9D9D9



595959



# Same Dimension

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



8A473F



B34B3E



8A6C3F



453F3E



850E00



050100



# Inverse Universe

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



3F828A



3EA6B3



3F5D8A



3E4445



007685



000505



# Previews

## White Background



This preview shows how the Hex color 8A473F looks on a white background.

## Color Contrast Check

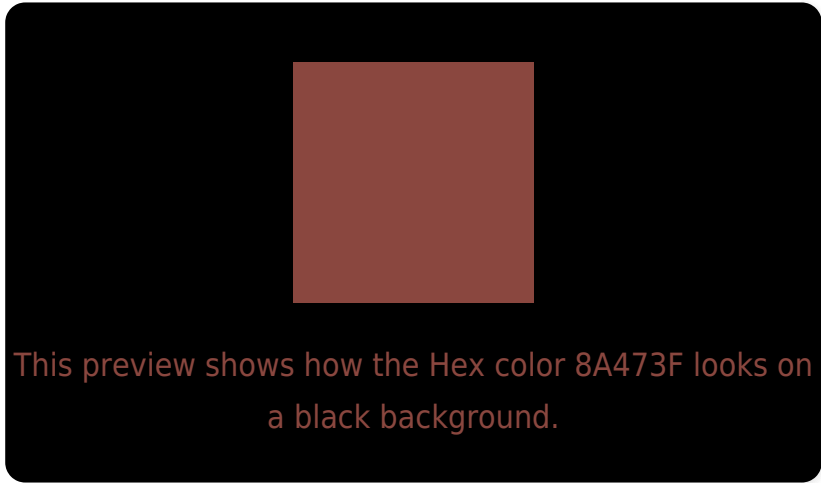
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A473F Background



This preview shows how black text looks on a background with the Hex color 8A473F.



This preview shows how white text looks on a background with the Hex color 8A473F.

# 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**  
8A473F

**Protanopia**  
615B48

**Deuteranopia**  
6D573C



**Tritanopia**  
8B454A

# Trichromacy



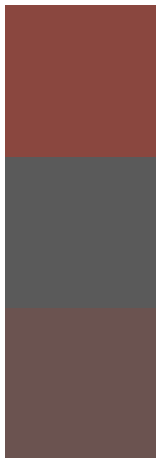
**Original Color**  
8A473F

**Protanomaly**  
705445

**Deuteranomaly**  
78513D

**Tritanomaly**  
8B4646

# Monochromacy



**Original Color**  
8A473F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
6B5350

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A473F 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 #8A473F looks like.

```
.text, #text, p{  
    color:#8A473F  
}
```

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 #8A473F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A473F
}
```

## Border

The CSS property to change the border of an element to Hex 8A473F is called "border". The border property can be set on classes, ids or directly on the HTML element.

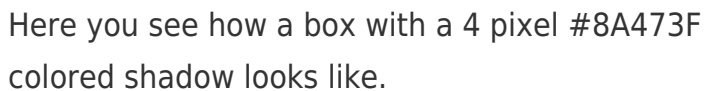
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A473F }
```

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

```
.border{ border-color:#8A473F }
```

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



Here you see how a box with a 4 pixel #8A473F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A473F; -webkit-box-shadow:4px 4px  
4px 4px #8A473F; box-shadow:4px 4px 4px  
4px #8A473F }
```

# Background

The CSS property to change the background color of an element to Hex 8A473F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A473F }
```

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

```
.background{ background-color:#8A473F }
```

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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