

# Converting Colors

Hex(8D643D)

Have a look what the booklet for  
Hex(8D643D) contains.

<b>Hex(8D643D)</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(8D643D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D643D
RGB	141, 100, 61
RGB Percent	55%, 39%, 24%
CMY	0.4471, 0.6078, 0.7608
CMYK	0.00, 0.29, 0.57, 0.45
HSL	29°, 40%, 40%
HSV	29°, 57%, 55%
XYZ	16.3840, 15.1140, 6.4686
YIQ	107.8130, 36.9550, -3.4370

# Conversions

## Conversions Part 2

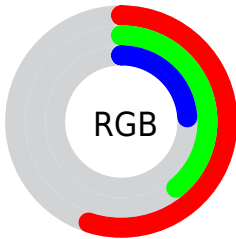
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 137, 61
Decimal	9266237
CIE Lab	45.79, 11.93, 28.49
CIE LCh	46, 30.892, 67.278
Yxy	15.1140, 0.4315, 0.3981
Android (android.graphics.Color)	4287456317 (0xFF8D643D)
YUV	107.8130, -23.0788, 29.1050
Hunter-Lab	38.8767, 7.1918, 17.3485

# Details

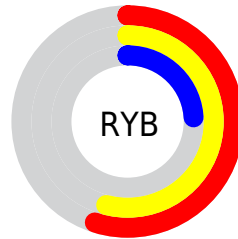
The Hex color **8D643D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D668D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C5976D**, and **583510** is the 20% darker color. If you saturate the color by 10%, you get **8D5D2F**, and if you desaturate by 10%, it is **8D6B4B**.

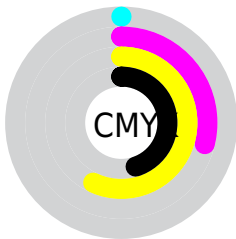
# Distribution



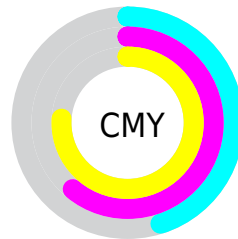
- Red (55%)
- Green (39%)
- Blue (24%)



- Red (55%)
- Yellow (54%)
- Blue (24%)



- Cyan (0%)
- Magenta (29%)
- Yellow (57%)
- Black (45%)



- Cyan (45%)
- Magenta (61%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D643D 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 8D643D by changing the saturation by 10% instead.



 8D643D

 8D643D

FFFFFF

 724C26

 C5976D

 583510

 E2B287

 3F2000

 FFCDA1

 260B00

 FFE9BC

 000000

 FFFFD8

 FFFFF5

 8D643D

 8D643D

 8D5D2F

 8D6B4B

■ 8D5621

■ 8D7259

■ 8D4E13

■ 8D7A67

■ 8D4705

■ 8D8175

■ 8D4500

■ 8D8884

■ 8D8F92

■ 8D97A0

■ 8D9EAE

■ 8DA5BC

# Harmonies

## Analogous

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



9B5C4E



8D643D



776D38

# Triad

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



8D643D



007A72



776396

# Complementary

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



8D643D



3D668D

# 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.



4F6D9F



8D643D



00798B

# Square

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



8D643D



3A7858



13749C



925B81

# Rectangle

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



8D643D



65723D



13749C



6B679A



# Sweetspot

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



8D643D



B8A898



8D3D66



5C5249



DBDBDB



5C5C5C



# Same Dimension

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



8D643D



B8783B



8D8C3D



474440



874200



080400



# Inverse Universe

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



3D668D



3B7BB8



3D3E8D



404447



004587

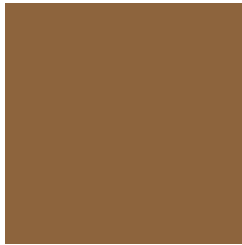


000408



# Previews

## White Background



This preview shows how the Hex color 8D643D looks on a white background.

## Color Contrast Check

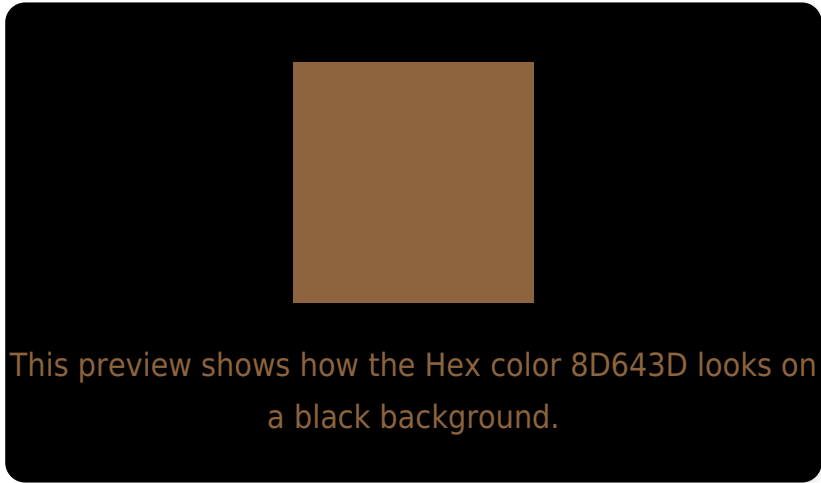
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D643D Background



This preview shows how black text looks on a background with the Hex color 8D643D.



This preview shows how white text looks on a background with the Hex color 8D643D.

# 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**  
8D643D

**Protanopia**  
776D40

**Deuteranopia**  
85683C



**Tritanopia**  
905F66

# Trichromacy



**Original Color**  
8D643D

**Protanomaly**  
7F6A3F

**Deuteranomaly**  
88673C

**Tritanomaly**  
8F6157

# Monochromacy



**Original Color**  
8D643D

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
78695B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D643D 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 #8D643D looks like.

```
.text, #text, p{  
    color:#8D643D  
}
```

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 #8D643D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D643D
}
```

## Border

The CSS property to change the border of an element to Hex 8D643D 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
#8D643D }
```

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

```
.border{ border-color:#8D643D }
```

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

Here you see how a box with a 4 pixel #8D643D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D643D; -webkit-box-shadow:4px 4px  
4px 4px #8D643D; box-shadow:4px 4px 4px  
4px #8D643D }
```

# Background

The CSS property to change the background color of an element to Hex 8D643D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D643D }
```

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

```
.background{ background-color:#8D643D }
```

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