

# Converting Colors

Hex(81753D)

Have a look what the booklet for  
Hex(81753D) contains.

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**Color**

**Hex(81753D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81753D
RGB	129, 117, 61
RGB Percent	51%, 46%, 24%
CMY	0.4941, 0.5412, 0.7608
CMYK	0.00, 0.09, 0.53, 0.49
HSL	49°, 36%, 37%
HSV	49°, 53%, 51%
XYZ	16.2569, 17.7266, 6.9796
YIQ	114.2040, 25.1280, -14.8720

# Conversions

## Conversions Part 2

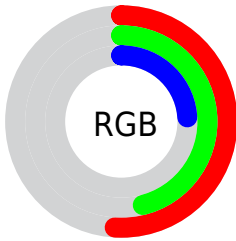
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 129, 61
Decimal	8484157
CIE <sub>Lab</sub>	49.16, -3.33, 32.31
CIE <sub>LCh</sub>	49, 32.478, 95.881
Yxy	17.7266, 0.3969, 0.4327
Android (android.graphics.Color)	4286674237 (0xFF81753D)
YUV	114.2040, -26.2296, 12.9761
Hunter-Lab	42.1030, -4.7577, 19.6433

# Details

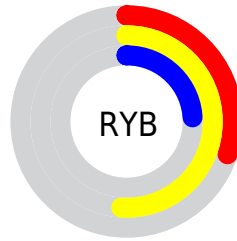
The Hex color **81753D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D4981**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B7A96E**, and **4E450E** is the 20% darker color. If you saturate the color by 10%, you get **817330**, and if you desaturate by 10%, it is **81774A**.

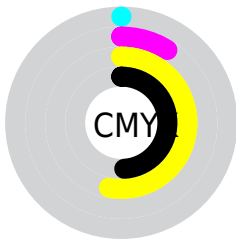
# Distribution



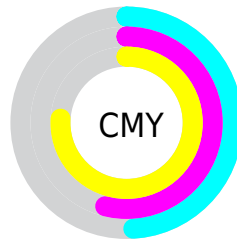
- Red (51%)
- Green (46%)
- Blue (24%)



- Red (30%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (9%)
- Yellow (53%)
- Black (49%)




- Cyan (49%)
- Magenta (54%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81753D 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 81753D by changing the saturation by 10% instead.



 81753D

 81753D

FFFFFF

 675C26

 B7A96E

 4E450E

 D4C488

 362F00

 F0E0A2


 1E1A00

 FFFDBE


 000000


 FFFFDA

 FFFFF6

 81753D

 81753D

 817330

 81774A

■ 817023

■ 817A57

■ 816E16

■ 817C64

■ 816C09

■ 817E71

■ 816A00

■ 81807E

■ 81838A

■ 818597

■ 8187A4

■ 8189B1

# Harmonies

## Analogous

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



986B43



81753D



647D47

# Triad

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



81753D



008294



9C628C

# Complementary

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



81753D



3D4981

# 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.



7F6CA1



81753D



117EA6

# Square

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



81753D



03837A



5476AB



A95F70

# Rectangle

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



81753D



4D8055



5476AB



946594



# Sweetspot

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



81753D



A8A48D



813D49



545144



D4D4D4



545454



# Same Dimension

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



81753D



A8963E



6B813D



403F39



806900



000000



# Inverse Universe

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



3D4981



3E51A8



533D81



393B40



001780



000000



# Previews

## White Background



This preview shows how the Hex color 81753D looks on a white background.

## Color Contrast Check

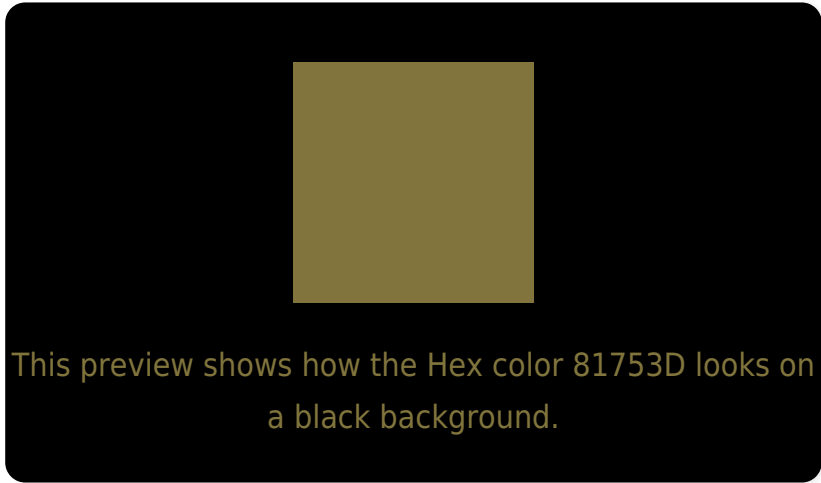
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

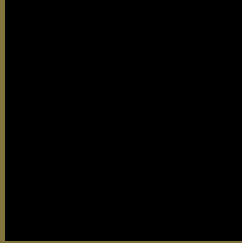
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 81753D Background



This preview shows how black text looks on a background with the Hex color 81753D.



This preview shows how white text looks on a background with the Hex color 81753D.

# 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**  
81753D

**Protanopia**  
81753D

**Deuteranopia**  
8F6F3E



**Tritanopia**  
876E77

# Trichromacy



**Original Color**  
81753D

**Protanomaly**  
81753D

**Deuteranomaly**  
8A713E

**Tritanomaly**  
857162

# Monochromacy



**Original Color**  
81753D

**Achromatopsia**  
727272

**Achromatomaly**  
77735F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81753D 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 #81753D looks like.

```
.text, #text, p{  
    color:#81753D  
}
```

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 #81753D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81753D  
}
```

## Border

The CSS property to change the border of an element to Hex 81753D 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  
#81753D }
```

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

```
.border{ border-color:#81753D }
```

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

Here you see how a box with a 4 pixel #81753D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81753D; -webkit-box-shadow:4px 4px  
4px 4px #81753D; box-shadow:4px 4px 4px  
4px #81753D }
```

# Background

The CSS property to change the background color of an element to Hex 81753D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81753D }
```

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

```
.background{ background-color:#81753D }
```

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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