

# Converting Colors

Hex(85783D)

Have a look what the booklet for  
Hex(85783D) contains.

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**Color**

**Hex(85783D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85783D
RGB	133, 120, 61
RGB Percent	52%, 47%, 24%
CMY	0.4784, 0.5294, 0.7608
CMYK	0.00, 0.10, 0.54, 0.48
HSL	49°, 37%, 38%
HSV	49°, 54%, 52%
XYZ	17.2316, 18.7564, 7.1270
YIQ	117.1610, 26.6870, -15.5930

# Conversions

## Conversions Part 2

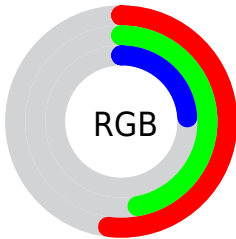
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 133, 61
Decimal	8747069
CIELab	50.40, -3.22, 33.88
CIELCh	50, 34.036, 95.436
Yxy	18.7564, 0.3997, 0.4350
Android (android.graphics.Color)	4286937149 (0xFF85783D)
YUV	117.1610, -27.6874, 13.8908
Hunter-Lab	43.3087, -4.7686, 20.5591

# Details

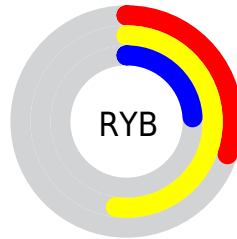
The Hex color **85783D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D4A85**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **BCAC6E**, and **51480E** is the 20% darker color. If you saturate the color by 10%, you get **857630**, and if you desaturate by 10%, it is **857A4A**.

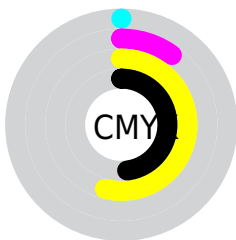
# Distribution



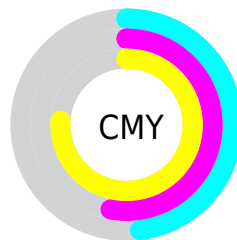
- Red (52%)
- Green (47%)
- Blue (24%)



- Red (30%)
- Yellow (52%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (54%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85783D 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 85783D by changing the saturation by 10% instead.





85783D



85783D

FFFFFF



6B5F26



BCAC6E



51480E



D8C788



393100



F5E3A3



211D00



FFFFBE



000300



FFFFDA



000000



FFFFF7



85783D



85783D



857630



857A4A

 857322

 857D58

 857115

 857F65

 856E08

 858272

 856D00

 858480

 85868D

 85899A

 858BA7

 858EB5

# Harmonies

## Analogous

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



9E6E44



85783D



668047

# Triad

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



85783D



008699



A06591

# Complementary

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



85783D



3D4A85

# 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.



826EA7



85783D



0081AC

# Square

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



85783D



00877C



5379B1



AF6074

# Rectangle

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



85783D



4F8456



5379B1



986799



# Sweetspot

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



85783D



ADA892



853D4A



575446



D6D6D6



575757



# Same Dimension

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



85783D



AD993D



6E853D



42413C



826B00



030200



# Inverse Universe

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



3D4A85



3D51AD



543D85



3C3D42



001782



000003



# Previews

## White Background



This preview shows how the Hex color 85783D looks on a white background.

## Color Contrast Check

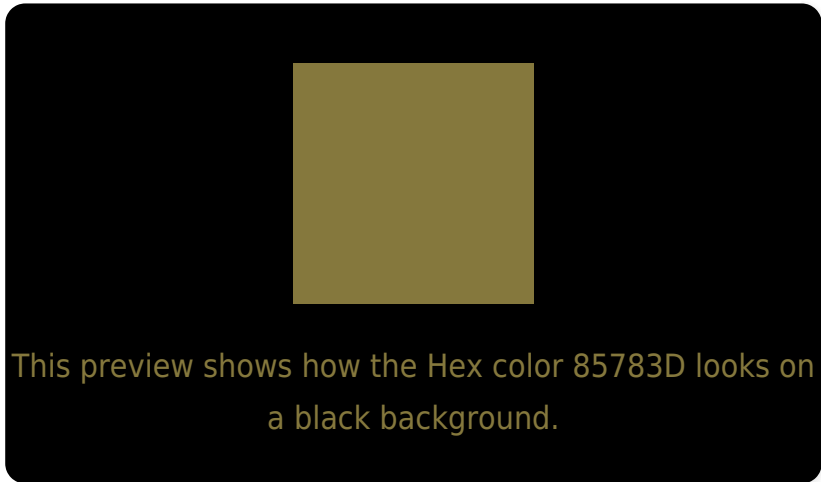
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

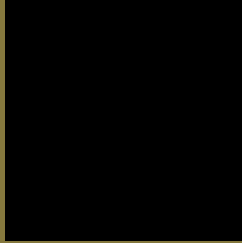
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 85783D Background



This preview shows how black text looks on a background with the Hex color 85783D.



This preview shows how white text looks on a background with the Hex color 85783D.

# 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**  
85783D

**Protanopia**  
85783D

**Deuteranopia**  
93723E



**Tritanopia**  
8B717A

# Trichromacy



**Original Color**  
85783D

**Protanomaly**  
85783D

**Deuteranomaly**  
8E743E

**Tritanomaly**  
897464

# Monochromacy



**Original Color**  
85783D

**Achromatopsia**  
757575

**Achromatomaly**  
7B7661

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85783D 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 #85783D looks like.

```
.text, #text, p{  
    color:#85783D  
}
```

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 #85783D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85783D
}
```

## Border

The CSS property to change the border of an element to Hex 85783D 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
#85783D }
```

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

```
.border{ border-color:#85783D }
```

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

Here you see how a box with a 4 pixel #85783D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85783D; -webkit-box-shadow:4px 4px  
4px 4px #85783D; box-shadow:4px 4px 4px  
4px #85783D }
```

# Background

The CSS property to change the background color of an element to Hex 85783D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85783D }
```

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

```
.background{ background-color:#85783D }
```

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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