

# Converting Colors

Hex(86783C)

Have a look what the booklet for  
Hex(86783C) contains.

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**Color**

**Hex(86783C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86783C
RGB	134, 120, 60
RGB Percent	53%, 47%, 24%
CMY	0.4745, 0.5294, 0.7647
CMYK	0.00, 0.10, 0.55, 0.47
HSL	49°, 38%, 38%
HSV	49°, 55%, 53%
XYZ	17.3636, 18.8275, 6.9939
YIQ	117.3460, 27.6040, -15.6920

# Conversions

## Conversions Part 2

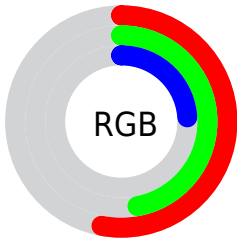
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 134, 60
Decimal	8812604
CIELab	50.48, -2.87, 34.53
CIELCh	50, 34.651, 94.743
Yxy	18.8275, 0.4021, 0.4360
Android (android.graphics.Color)	4287002684 (0xFF86783C)
YUV	117.3460, -28.2716, 14.6056
Hunter-Lab	43.3907, -4.5036, 20.8169

# Details

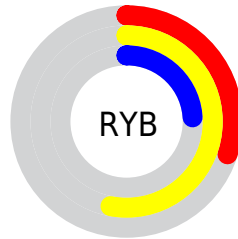
The Hex color **86783C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C4A86**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BDAC6D**, and **52480C** is the 20% darker color. If you saturate the color by 10%, you get **86752F**, and if you desaturate by 10%, it is **867B49**.

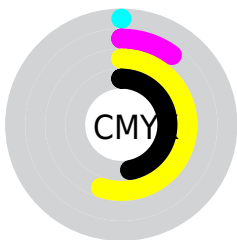
# Distribution



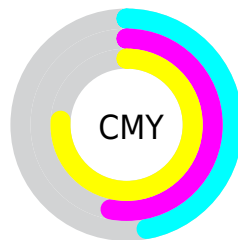
- Red (53%)
- Green (47%)
- Blue (24%)



- Red (30%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (55%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86783C 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 86783C by changing the saturation by 10% instead.





86783C



86783C

FFFFFF



6C5F25



BDAC6D



52480C



D9C787



3A3100



F6E3A2



221D00



FFFFBD



000300



FFFFD9



000000



FFFFF5



86783C



86783C



86752F



867B49

■ 867321

■ 867D57

■ 867014

■ 868064

■ 866E06

■ 868272

■ 866D00

■ 86857F

■ 86878C

■ 868A9A

■ 868CA7

■ 868FB5

# Harmonies

## Analogous

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



9F6E43



86783C



678046

# Triad

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



86783C



008699



A16492

# Complementary

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



86783C



3C4A86

# 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.



816FA9



86783C



0082AD

# Square

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



86783C



00887C



517AB3



B06075

# Rectangle

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



86783C



4F8455



517AB3



98679B



# Sweetspot

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



86783C



ADA890



863C4B



575345



D6D6D6



575757



# Same Dimension

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



86783C



AD983B



70863C



42413C



826900



030200



# Inverse Universe

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



3C4A86



3B51AD



523C86



3C3D42



001982



000003



# Previews

## White Background



This preview shows how the Hex color 86783C looks on a white background.

## Color Contrast Check

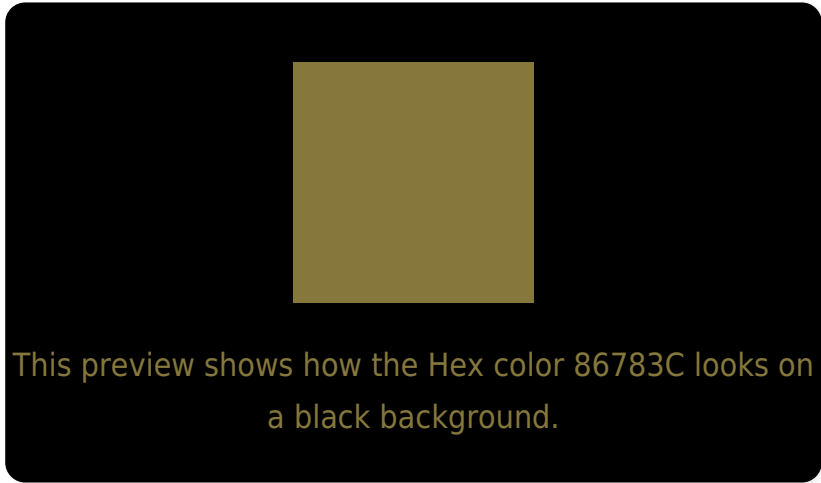
Large Text (above 18pt) WCAG AA ✓ Pass

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

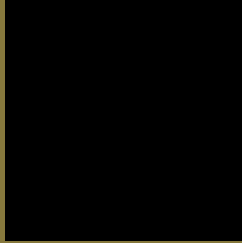
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 86783C Background



This preview shows how black text looks on a background with the Hex color 86783C.



This preview shows how white text looks on a background with the Hex color 86783C.

# 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**  
86783C

**Protanopia**  
85783C

**Deuteranopia**  
94733D



**Tritanopia**  
8C717A

# Trichromacy



**Original Color**  
86783C

**Protanomaly**  
85783C

**Deuteranomaly**  
8F753D

**Tritanomaly**  
8A7463

# Monochromacy



**Original Color**  
86783C

**Achromatopsia**  
757575

**Achromatomaly**  
7B7660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86783C 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 #86783C looks like.

```
.text, #text, p{  
    color:#86783C  
}
```

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 #86783C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86783C
}
```

## Border

The CSS property to change the border of an element to Hex 86783C 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
#86783C }
```

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

```
.border{ border-color:#86783C }
```

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

Here you see how a box with a 4 pixel #86783C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86783C; -webkit-box-shadow:4px 4px  
4px 4px #86783C; box-shadow:4px 4px 4px  
4px #86783C }
```

# Background

The CSS property to change the background color of an element to Hex 86783C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86783C }
```

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

```
.background{ background-color:#86783C }
```

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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