

# Converting Colors

Hex(87773E)

Have a look what the booklet for  
Hex(87773E) contains.

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**Color**

**Hex(87773E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87773E
RGB	135, 119, 62
RGB Percent	53%, 47%, 24%
CMY	0.4706, 0.5333, 0.7569
CMYK	0.00, 0.12, 0.54, 0.47
HSL	47°, 37%, 39%
HSV	47°, 54%, 53%
XYZ	17.4580, 18.6923, 7.2453
YIQ	117.2860, 27.8330, -14.3350

# Conversions

## Conversions Part 2

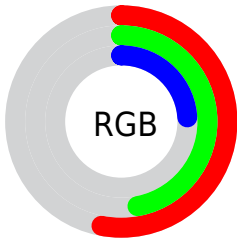
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 135, 62
Decimal	8877886
CIE <sub>Lab</sub>	50.33, -1.66, 33.31
CIE <sub>LCh</sub>	50, 33.350, 92.861
Yxy	18.6923, 0.4023, 0.4307
Android (android.graphics.Color)	4287067966 (0xFF87773E)
YUV	117.2860, -27.2560, 15.5352
Hunter-Lab	43.2346, -3.5830, 20.3284

# Details

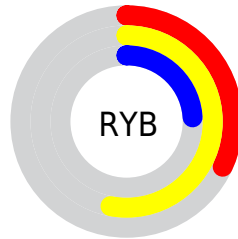
The Hex color **87773E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E4E87**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BEAB6F**, and **53470F** is the 20% darker color. If you saturate the color by 10%, you get **877431**, and if you desaturate by 10%, it is **877A4C**.

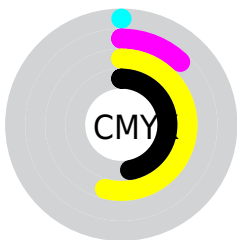
# Distribution



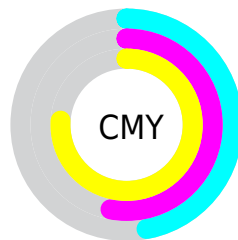
- Red (53%)
- Green (47%)
- Blue (24%)



- Red (32%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (12%)
- Yellow (54%)
- Black (47%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 87773E 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 87773E by changing the saturation by 10% instead.





87773E



87773E

FFFFFF



6D5E27



BEAB6F



53470F



DAC689



3B3100



F7E2A4



231C00



FFFFBF



000200



FFFFDB



000000



FFFFF8



87773E



87773E



877431



877A4C

■ 877123

■ 877D59

■ 876E15

■ 878067

■ 876B08

■ 878374

■ 876900

■ 878682

■ 87898F

■ 878C9C

■ 878FAA

■ 8792B8

# Harmonies

## Analogous

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



9E6D46



87773E



697F47

# Triad

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



87773E



008696



9D6592

# Complementary

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



87773E



3E4E87

# 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.



7E6FA7



87773E



0082AA

# Square

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



87773E



0C877A



507AB0



AD6176

# Rectangle

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



87773E



538354



507AB0



95689A



# Sweetspot

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



87773E



B0AA94



873E4F



595648



D9D9D9



595959



# Same Dimension

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



87773E



B0973E



74873E



42413C



826600



030200



# Inverse Universe

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



3E4E87



3E57B0



513E87



3C3D42



001D82



000103



# Previews

## White Background



This preview shows how the Hex color 87773E looks on a white background.

## Color Contrast Check

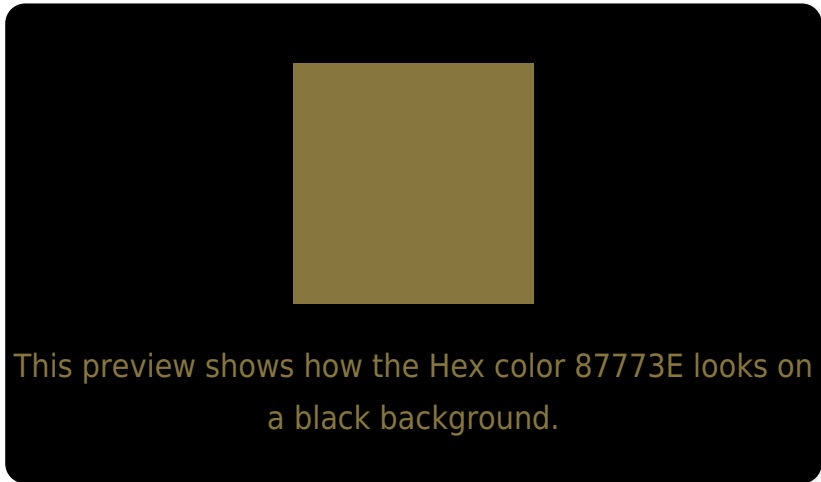
Large Text (above 18pt) WCAG AA ✓ Pass

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

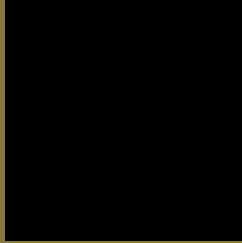
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 87773E Background



This preview shows how black text looks on a background with the Hex color 87773E.



This preview shows how white text looks on a background with the Hex color 87773E.

# 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**  
87773E

**Protanopia**  
84783E

**Deuteranopia**  
93723F



**Tritanopia**  
8C7079

# Trichromacy



**Original Color**  
87773E

**Protanomaly**  
85783E

**Deuteranomaly**  
8F743F

**Tritanomaly**  
8A7364

# Monochromacy



**Original Color**  
87773E

**Achromatopsia**  
757575

**Achromatomaly**  
7C7661

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87773E 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 #87773E looks like.

```
.text, #text, p{  
    color:#87773E  
}
```

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 #87773E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87773E
}
```

## Border

The CSS property to change the border of an element to Hex 87773E 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
#87773E }
```

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

```
.border{ border-color:#87773E }
```

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

Here you see how a box with a 4 pixel #87773E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87773E; -webkit-box-shadow:4px 4px  
4px 4px #87773E; box-shadow:4px 4px 4px  
4px #87773E }
```

# Background

The CSS property to change the background color of an element to Hex 87773E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87773E }
```

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

```
.background{ background-color:#87773E }
```

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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