

# Converting Colors

Hex(807A5C)

Have a look what the booklet for  
Hex(807A5C) contains.

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**Color**

**Hex(807A5C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807A5C
RGB	128, 122, 92
RGB Percent	50%, 48%, 36%
CMY	0.4980, 0.5216, 0.6392
CMYK	0.00, 0.05, 0.28, 0.50
HSL	50°, 16%, 43%
HSV	50°, 28%, 50%
XYZ	17.7934, 19.2810, 12.9090
YIQ	120.3740, 13.2060, -8.0580

# Conversions

## Conversions Part 2

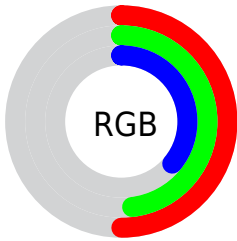
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 128, 92
Decimal	8419932
CIELab	51.01, -2.83, 17.29
CIELCh	51, 17.519, 99.282
Yxy	19.2810, 0.3560, 0.3857
Android (android.graphics.Color)	4286610012 (0xFF807A5C)
YUV	120.3740, -13.9884, 6.6880
Hunter-Lab	43.9101, -4.5103, 13.3066

# Details

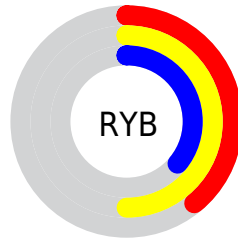
The Hex color **807A5C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5C6280**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B5AE8E**, and **4E4A2E** is the 20% darker color. If you saturate the color by 10%, you get **80784F**, and if you desaturate by 10%, it is **807C69**.

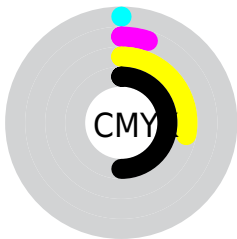
# Distribution



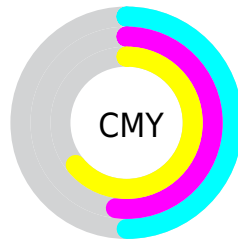
- Red (50%)
- Green (48%)
- Blue (36%)



- Red (39%)
- Yellow (50%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)
- Black (50%)



- Cyan (50%)
- Magenta (52%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807A5C 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 807A5C by changing the saturation by 10% instead.



 807A5C

 807A5C

FFFFFF

 676144

 B5AE8E

 4E4A2E

 D1CAA9

 373319

 EDE6C4

 221E00

 FFFFE0

 000600

FFFFFFD

 000000

 807A5C

 807A5C

 80784F

 807C69

 807642

 807E76

 807436

 808082

 807129

 80838F

 806F1C

 80859C

 806D0F

 8087A9

 806B02

 8089B6

 806B00

 808BC2

 808DCF

# Harmonies

## Analogous

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



8E755E



807A5C



6F7E62

# Triad

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



807A5C



50818C



917084

# Complementary

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



807A5C



5C6280

# 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.



827491



807A5C



5B7E95

# Square

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



807A5C



52827E



6E7997



986F75

# Rectangle

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



807A5C



64806A



6E7997



8D7189



# Sweetspot

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



807A5C



A6A498



805C62



54534C



D4D4D4



545454



# Same Dimension

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



807A5C



A69C6D



74805C



403F39



806A00



000000



# Inverse Universe

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



5C6280



6D77A6



685C80



393A40



001580



000000



# Previews

## White Background



This preview shows how the Hex color 807A5C looks on a white background.

## Color Contrast Check

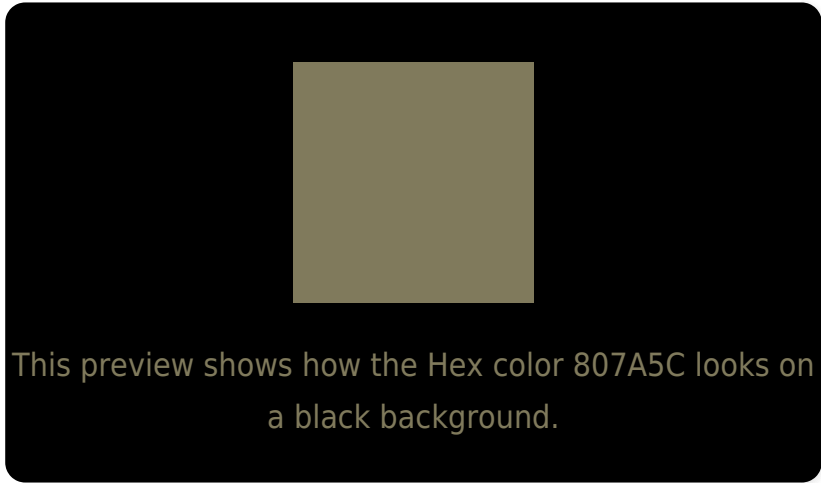
Large Text (above 18pt) WCAG AA ✓ Pass

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

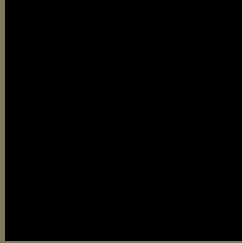
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 807A5C Background



This preview shows how black text looks on a background with the Hex color 807A5C.



This preview shows how white text looks on a background with the Hex color 807A5C.

# 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**  
807A5C

**Protanopia**  
82795C

**Deuteranopia**  
8F755D



**Tritanopia**  
84757F

# Trichromacy



**Original Color**  
807A5C

**Protanomaly**  
81795C

**Deuteranomaly**  
8A775D

**Tritanomaly**  
837772

# Monochromacy



**Original Color**  
807A5C

**Achromatopsia**  
787878

**Achromatomaly**  
7B796E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807A5C 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 #807A5C looks like.

```
.text, #text, p{  
    color:#807A5C  
}
```

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 #807A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807A5C
}
```

## Border

The CSS property to change the border of an element to Hex 807A5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

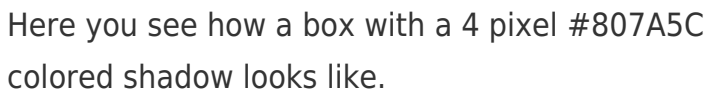
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807A5C }
```

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

```
.border{ border-color:#807A5C }
```

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



Here you see how a box with a 4 pixel #807A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807A5C; -webkit-box-shadow:4px 4px  
4px 4px #807A5C; box-shadow:4px 4px 4px  
4px #807A5C }
```

# Background

The CSS property to change the background color of an element to Hex 807A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807A5C }
```

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

```
.background{ background-color:#807A5C }
```

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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