

# Converting Colors

Hex(807770)

Have a look what the booklet for  
Hex(807770) contains.

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# Color

**Hex(807770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807770
RGB	128, 119, 112
RGB Percent	50%, 47%, 44%
CMY	0.4980, 0.5333, 0.5608
CMYK	0.00, 0.07, 0.12, 0.50
HSL	26°, 7%, 47%
HSV	26°, 12%, 50%
XYZ	18.4235, 18.9527, 18.0164
YIQ	120.8930, 7.6110, -0.2690

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 124, 112
Decimal	8419184
CIE Lab	50.63, 2.16, 5.08
CIE LCh	51, 5.523, 66.974
Yxy	18.9527, 0.3326, 0.3422
Android (android.graphics.Color)	4286609264 (0xFF807770)
YUV	120.8930, -4.3842, 6.2328
Hunter-Lab	43.5347, -0.6459, 5.9377

# Details

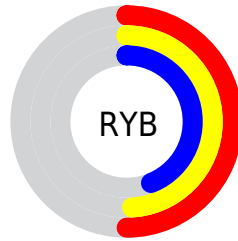
The Hex color **807770** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **707980**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B5ABA4**, and **4F4740** is the 20% darker color. If you saturate the color by 10%, you get **807063**, and if you desaturate by 10%, it is **807E7D**.

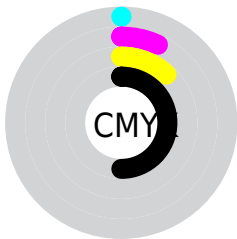
# Distribution



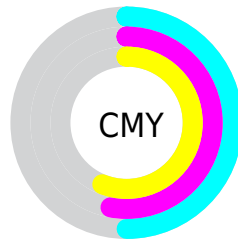
- Red (50%)
- Green (47%)
- Blue (44%)



- Red (50%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807770 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 807770 by changing the saturation by 10% instead.



■ 807770

■ 807770

FFFFFF

■ 675E58

■ B5ABA4

■ 4F4740

■ D0C6BF

■ 38302A

■ EDE2DB

■ 221C16

■ FFFFF7

■ 090100

■ 000000

■ 807770

■ 807770

■ 807063

■ 807E7D

■ 806956

■ 80858A

 80614A

 808D96

 805A3D

 8094A3

 805330

 809BB0

 804C23

 80A2BD

 804516

 80A9CA

 803D0A

 80B1D6

 803800

 80B8E3

# Harmonies

## Analogous

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



837673



807770



7B796F

# Triad

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



807770



6E7B79



7B7780

# Complementary

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



807770



707980

# 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.



757982



807770



6D7B7E

# Square

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



807770



717B75



707A81



80767C

# Rectangle

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



807770



787A70



707A81



797781



# Sweetspot

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



807770



A6A29F



807079



545250



D4D4D4



545454



# Same Dimension

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



807770



A6988D



807F70



403C39



803800



000000



# Inverse Universe

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



707980



8D9BA6



707180



393D40



004880

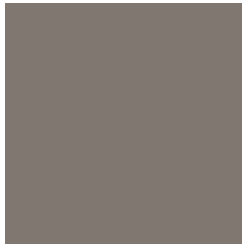


000000



# Previews

## White Background



This preview shows how the Hex color 807770 looks on a white background.

## Color Contrast Check

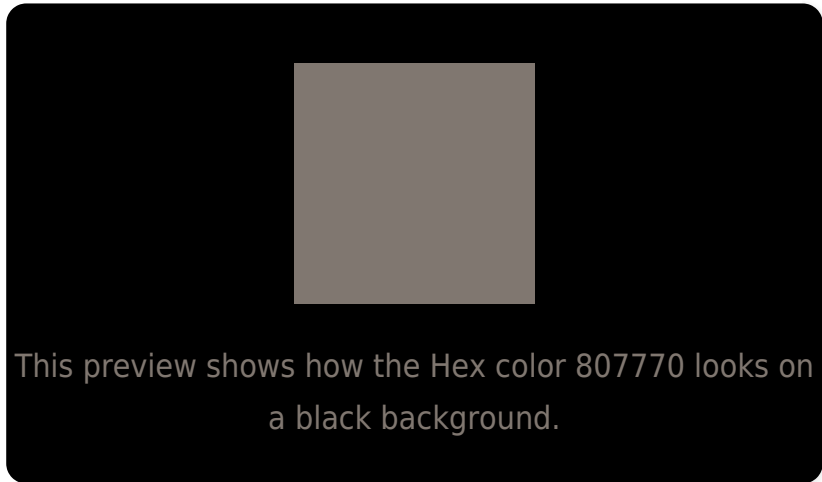
Large Text (above 18pt) WCAG AA ✓ Pass

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

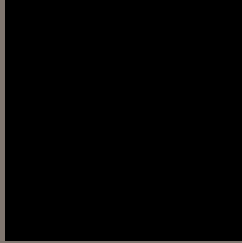
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

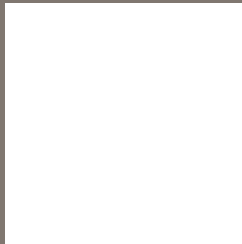
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 807770 Background



This preview shows how black text looks on a background with the Hex color 807770.



This preview shows how white text looks on a background with the Hex color 807770.

# 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**  
807770

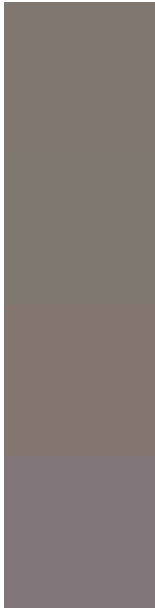
**Protanopia**  
7D7871

**Deuteranopia**  
877471



**Tritanopia**  
82757E

# Trichromacy



**Original Color**  
807770

**Protanomaly**  
7E7871

**Deuteranomaly**  
847571

**Tritanomaly**  
817679

# Monochromacy



**Original Color**  
807770

**Achromatopsia**  
797979

**Achromatomaly**  
7C7876

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807770 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 #807770 looks like.

```
.text, #text, p{  
    color:#807770  
}
```

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 #807770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807770  
}
```

## Border

The CSS property to change the border of an element to Hex 807770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

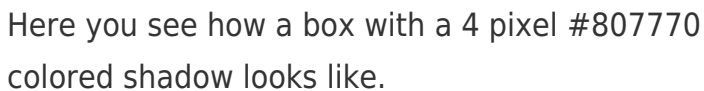
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#807770 }
```

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

```
.border{ border-color:#807770 }
```

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



Here you see how a box with a 4 pixel #807770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807770; -webkit-box-shadow:4px 4px  
4px 4px #807770; box-shadow:4px 4px 4px  
4px #807770 }
```

# Background

The CSS property to change the background color of an element to Hex 807770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807770 }
```

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

```
.background{ background-color:#807770 }
```

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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