

# Converting Colors

Hex(807D6E)

Have a look what the booklet for  
Hex(807D6E) contains.

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# Color

Hex(807D6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	807D6E
RGB	128, 125, 110
RGB Percent	50%, 49%, 43%
CMY	0.4980, 0.5098, 0.5686
CMYK	0.00, 0.02, 0.14, 0.50
HSL	50°, 8%, 47%
HSV	50°, 14%, 50%
XYZ	19.0502, 20.3822, 17.6820
YIQ	124.1870, 6.6030, -4.0290

# Conversions

## Conversions Part 2

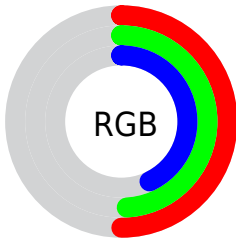
Format	Color
<a href="#">RYB</a>	<a href="#">114, 128, 110</a>
Decimal	<a href="#">8420718</a>
CIELab	<a href="#">52.27, -1.64, 8.59</a>
CIELCh	<a href="#">52, 8.741, 100.827</a>
Yxy	<a href="#">20.3822, 0.3335, 0.3569</a>
Android (android.graphics.Color)	<a href="#">4286610798</a> ( <a href="#">0xFF807D6E</a> )
YUV	<a href="#">124.1870, -6.9942, 3.3440</a>
Hunter-Lab	<a href="#">45.1467, -3.6865, 8.3814</a>

# Details

The Hex color **807D6E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7180**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B5B2A2**, and **4F4C3E** is the 20% darker color. If you saturate the color by 10%, you get **807B61**, and if you desaturate by 10%, it is **807F7B**.

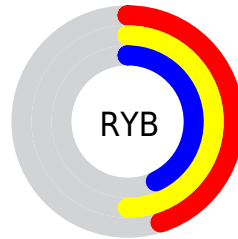
# Distribution



Red (50%)

Green (49%)

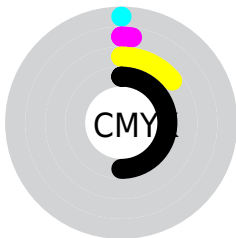
Blue (43%)



Red (45%)

Yellow (50%)

Blue (43%)

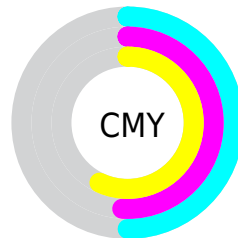


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807D6E 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 807D6E by changing the saturation by 10% instead.





807D6E



807D6E

FFFFFF



676456



B5B2A2



4F4C3E



D0CDBD



383629



EDE9D8



222014



FFFFFF5



080900



000000



807D6E



807D6E



807B61



807F7B



807954



808188

■ 807748

■ 808394

■ 80743B

■ 8086A1

■ 80722E

■ 8088AE

■ 807021

■ 808ABB

■ 806E14

■ 808CC8

■ 806C08

■ 808ED4

■ 806B00

■ 8090E1

# Harmonies

## Analogous

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



877B6F



807D6E



777F71

# Triad

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



807D6E



6A8086



897882

# Complementary

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



807D6E



6E7180

# 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.



827A88



807D6E



707F8B

# Square

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



807D6E



6B817F



787C8B



8D787A

# Rectangle

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



807D6E



728075



787C8B



877984



# Sweetspot

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



807D6E



A6A59F



806E71



545350



D4D4D4



545454



# Same Dimension

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



807D6E



A6A18A



7A806E



403F39



806A00



000000



# Inverse Universe

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



6E7180



8A8EA6



746E80



393A40



001580



000000



# Previews

## White Background



This preview shows how the Hex color 807D6E 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

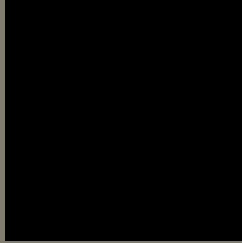
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

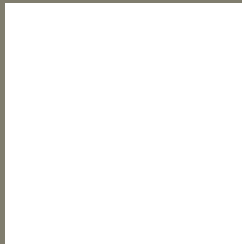
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 807D6E Background



This preview shows how black text looks on a background with the Hex color 807D6E.



This preview shows how white text looks on a background with the Hex color 807D6E.

# 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](#).

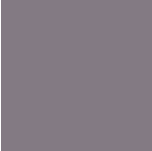
## Dichromacy



**Original Color**  
807D6E

**Protanopia**  
827C6E

**Deuteranopia**  
8E786F



**Tritanopia**  
837A83

# Trichromacy



**Original Color**  
807D6E

**Protanomaly**  
817C6E

**Deuteranomaly**  
897A6F

**Tritanomaly**  
827B7B

# Monochromacy



**Original Color**  
807D6E

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7D7C77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807D6E 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 #807D6E looks like.

```
.text, #text, p{  
    color:#807D6E  
}
```

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 #807D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807D6E
}
```

## Border

The CSS property to change the border of an element to Hex 807D6E 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
#807D6E }
```

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

```
.border{ border-color:#807D6E }
```

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

Here you see how a box with a 4 pixel #807D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807D6E; -webkit-box-shadow:4px 4px  
4px 4px #807D6E; box-shadow:4px 4px 4px  
4px #807D6E }
```

# Background

The CSS property to change the background color of an element to Hex 807D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807D6E }
```

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

```
.background{ background-color:#807D6E }
```

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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