

Converting Colors

Hex(807D71)

Have a look what the booklet for
Hex(807D71) contains.

Hex(807D71)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(807D71)

Conversions

Conversions Part 1

Format	Color
Hex	807D71
RGB	128, 125, 113
RGB Percent	50%, 49%, 44%
CMY	0.4980, 0.5098, 0.5569
CMYK	0.00, 0.02, 0.12, 0.50
HSL	48°, 6%, 47%
HSV	48°, 12%, 50%
XYZ	19.2163, 20.4487, 18.5570
YIQ	124.5290, 5.6400, -3.0960

Conversions

Conversions Part 2

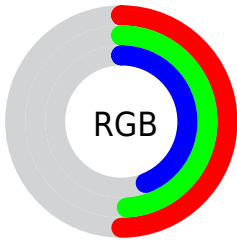
Format	Color
RYB	117, 128, 113
Decimal	8420721
CIELab	52.34, -1.11, 6.94
CIELCh	52, 7.031, 99.110
Yxy	20.4487, 0.3301, 0.3512
Android (android.graphics.Color)	4286610801 (0xFF807D71)
YUV	124.5290, -5.6838, 3.0441
Hunter-Lab	45.2202, -3.2818, 7.3234

Details

The Hex color **807D71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **717480**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B5B2A5**, and **4F4C41** is the 20% darker color. If you saturate the color by 10%, you get **807A64**, and if you desaturate by 10%, it is **80807E**.

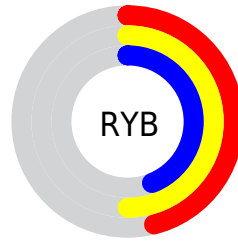
Distribution



Red (50%)

Green (49%)

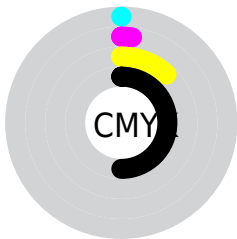
Blue (44%)



Red (46%)

Yellow (50%)

Blue (44%)

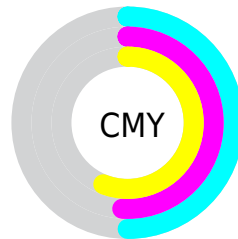


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 807D71 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 807D71 by changing the saturation by 10% instead.



807D71



807D71

FFFFFF



676459



B5B2A5



4F4C41



D0CDC0



38362B



EDE9DC



222017



FFFFF8



0A0900



000000



807D71



807D71



807A64



80807E



807857



80828B

■ 80754B

■ 808597

■ 80733E

■ 8087A4

■ 807031

■ 808AB1

■ 806E24

■ 808CBE

■ 806B17

■ 808FCB

■ 80690B

■ 8091D7

■ 806600

■ 8094E4

Harmonies

Analogous

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



867B72



807D71



797F73

Triad

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



807D71



6E8084



867981

Complementary

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



807D71



717480

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.



807B86



807D71



727F88

Square

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



807D71



6F817F



797D89



8A797B

Rectangle

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



807D71



758077



797D89



857A83

Sweetspot

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



807D71



A6A49F



807174



545350



D4D4D4



545454

Same Dimension

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



807D71



A6A18F



7C8071



403E39



806600



000000

Inverse Universe

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



717480



8F93A6



767180



393B40



001A80



000000

Previews

White Background



This preview shows how the Hex color 807D71 looks on a white background.

Color Contrast Check

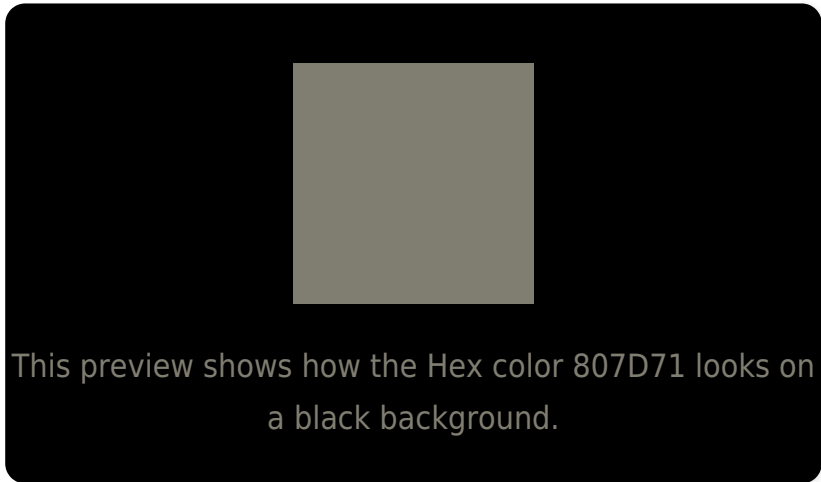
Large Text (above 18pt) WCAG AA ✓ Pass

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

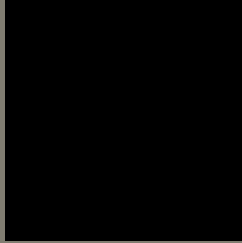
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

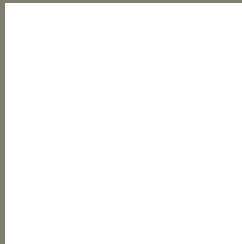
Any Text WCAG AAA × Fail

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

Hex 807D71 Background



This preview shows how black text looks on a background with the Hex color 807D71.



This preview shows how white text looks on a background with the Hex color 807D71.

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
807D71

Protanopia
827C71

Deuteranopia
8D7872



Tritanopia
837A84

Trichromacy



Original Color
807D71

Protanomaly
817C71

Deuteranomaly
887A72

Tritanomaly
827B7D

Monochromacy



Original Color
807D71

Achromatopsia
7D7D7D

Achromatomaly
7E7D79

CSS Examples

Text

The CSS property to change the color of the text to Hex 807D71 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 #807D71 looks like.

```
.text, #text, p{  
    color:#807D71  
}
```

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 #807D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807D71
}
```

Border

The CSS property to change the border of an element to Hex 807D71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

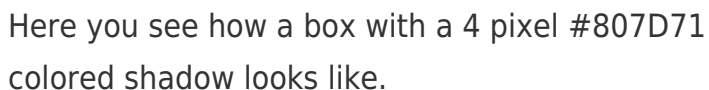
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807D71 }
```

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

```
.border{ border-color:#807D71 }
```

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



Here you see how a box with a 4 pixel #807D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807D71; -webkit-box-shadow:4px 4px  
4px 4px #807D71; box-shadow:4px 4px 4px  
4px #807D71 }
```

Background

The CSS property to change the background color of an element to Hex 807D71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807D71 }
```

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

```
.background{ background-color:#807D71 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor