

Converting Colors

Hex(7C7870)

Have a look what the booklet for
Hex(7C7870) contains.

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Color

Hex(7C7870)

Conversions

Conversions Part 1

Format	Color
Hex	7C7870
RGB	124, 120, 112
RGB Percent	49%, 47%, 44%
CMY	0.5137, 0.5294, 0.5608
CMYK	0.00, 0.03, 0.10, 0.51
HSL	40°, 5%, 46%
HSV	40°, 10%, 49%
XYZ	17.9533, 18.8879, 18.0287
YIQ	120.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

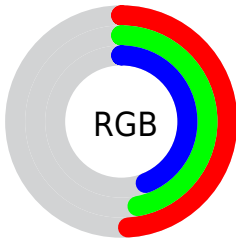
Format	Color
R_{YB}	118, 124, 112
Decimal	8157296
CIE Lab	50.56, 0.00, 4.93
CIE LCh	51, 4.927, 89.943
Yxy	18.8879, 0.3272, 0.3442
Android (android.graphics.Color)	4286347376 (0xFF7C7870)
YUV	120.2840, -4.0840, 3.2589
Hunter-Lab	43.4602, -2.3175, 5.8267

Details

The Hex color **7C7870** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70747C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B1ACA4**, and **4B4840** is the 20% darker color. If you saturate the color by 10%, you get **7C7464**, and if you desaturate by 10%, it is **7C7C7C**.

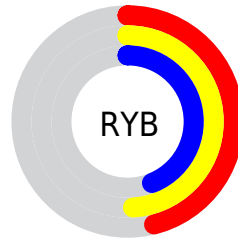
Distribution



Red (49%)

Green (47%)

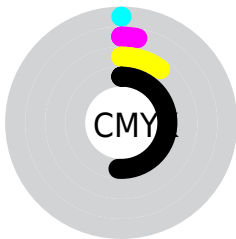
Blue (44%)



Red (46%)

Yellow (49%)

Blue (44%)

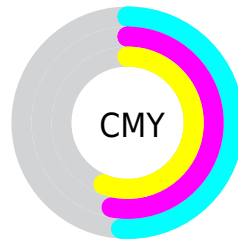


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C7870 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 7C7870 by changing the saturation by 10% instead.

 7C7870

 7C7870

FFFFFF

 635F58

 B1ACA4

 4B4840

 CCC8BF

 35312A

 E8E4DB

 1F1C16

 FFFFF7

 030200

 000000

 7C7870

 7C7870

 7C7464

 7C7C7C

 7C7057

 7C8089

 7C6C4B

 7C8495

 7C673E

 7C89A2

 7C6332

 7C8DAE

 7C5F26

 7C91BA

 7C5B19

 7C95C7

 7C570D

 7C99D3

 7C5300

 7C9DE0

Harmonies

Analogous

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



807771



7C7870



777971

Triad

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



7C7870



6E7B7C



7E767D

Complementary

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



7C7870



70747C

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.



797780



7C7870



707A7F

Square

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



7C7870



6F7B78



747981



817678

Rectangle

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



7C7870



747A73



747981



7D767E

Sweetspot

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



7C7870



A19F9C



7C7074



52514E



D1D1D1



525252

Same Dimension

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



7C7870



A19A8D



7A7C70



3D3B37



7D5300



FCA800

Inverse Universe

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



70747C



8D94A1



72707C



37393D



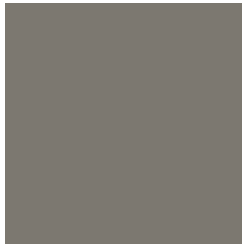
002A7D



0054FC

Previews

White Background



This preview shows how the Hex color 7C7870 looks on a white background.

Color Contrast Check

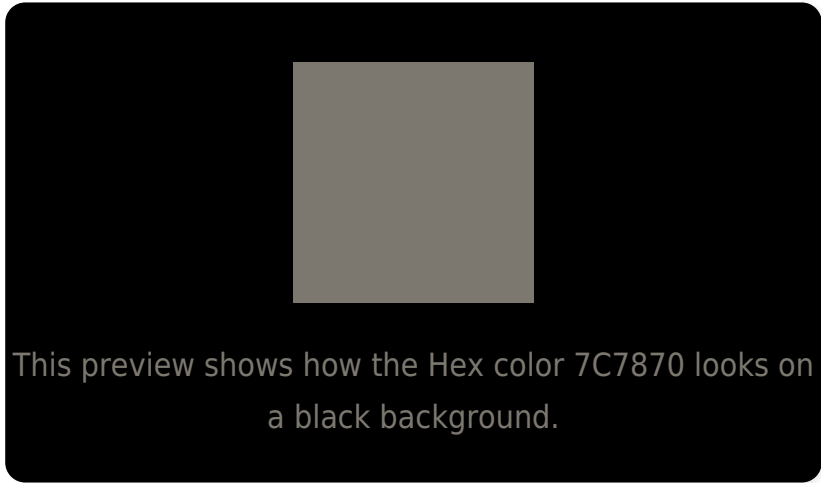
Large Text (above 18pt) WCAG AA ✓ Pass

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

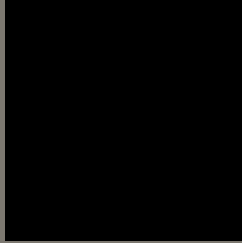
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

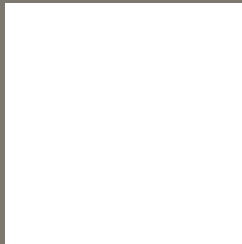
Any Text WCAG AAA × Fail

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

Hex 7C7870 Background



This preview shows how black text looks on a background with the Hex color 7C7870.



This preview shows how white text looks on a background with the Hex color 7C7870.

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


7C7870

Protanopia

7C7870

Deuteranopia

877471



Tritanopia
7E767F

Trichromacy



Original Color
7C7870

Protanomaly
7C7870

Deuteranomaly
837571

Tritanomaly
7D777A

Monochromacy



Original Color
7C7870

Achromatopsia
787878

Achromatomaly
797875

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C7870 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 #7C7870 looks like.

```
.text, #text, p{  
    color:#7C7870  
}
```

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 #7C7870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7870
}
```

Border

The CSS property to change the border of an element to Hex 7C7870 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
#7C7870 }
```

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

```
.border{ border-color:#7C7870 }
```

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

Here you see how a box with a 4 pixel #7C7870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7870; -webkit-box-shadow:4px 4px  
4px 4px #7C7870; box-shadow:4px 4px 4px  
4px #7C7870 }
```

Background

The CSS property to change the background color of an element to Hex 7C7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7870 }
```

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

```
.background{ background-color:#7C7870 }
```

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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