

Converting Colors

Hex(77807C)

Have a look what the booklet for
Hex(77807C) contains.

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Color

Hex(77807C)

Conversions

Conversions Part 1

Format	Color
Hex	77807C
RGB	119, 128, 124
RGB Percent	47%, 50%, 49%
CMY	0.5333, 0.4980, 0.5137
CMYK	0.07, 0.00, 0.03, 0.50
HSL	153°, 4%, 48%
HSV	153°, 7%, 50%
XYZ	18.9650, 20.8155, 22.0870
YIQ	124.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

Format	Color
RYB	119, 125, 128
Decimal	7831676
CIELab	52.75, -4.15, 1.02
CIELCh	53, 4.272, 166.248
Yxy	20.8155, 0.3065, 0.3365
Android (android.graphics.Color)	4286021756 (0xFF77807C)
YUV	124.8530, -0.4205, -5.1331
Hunter-Lab	45.6240, -5.6431, 3.2340

Details

The Hex color **77807C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **80777B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **ABB5B0**, and **474F4B** is the 20% darker color. If you saturate the color by 10%, you get **6A8076**, and if you desaturate by 10%, it is **848082**.

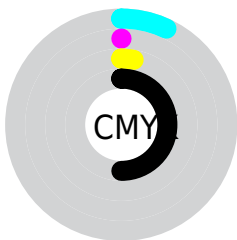
Distribution



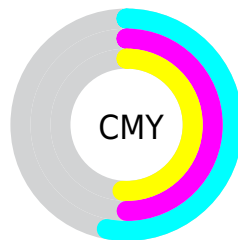
- Red (47%)
- Green (50%)
- Blue (49%)



- Red (47%)
- Yellow (49%)
- Blue (50%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77807C 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 77807C by changing the saturation by 10% instead.



77807C



77807C

FFFFFF



5E6763



ABB5B0



474F4B



C6D0CC



303835



E3EDE8



1B2320



000D07



000000



77807C



77807C



6A8076



848082



5D8071



918087

■ 51806B

■ 9D808D

■ 448065

■ AA8093

■ 378060

■ B78098

■ 2A805A

■ C4809E

■ 1D8054

■ D180A4

■ 11804E

■ DD80AA

■ 048049

■ EA80AF

Harmonies

Analogous

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



7B7F79



77807C



758080

Triad

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



77807C



7D7D85



857C79

Complementary

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



77807C



80777B

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.



867C7C



77807C



817C83

Square

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



77807C



787F85



847C80



837D77

Rectangle

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



77807C



758082



847C80



867C7A

Sweetspot

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



77807C



A2A6A4



7B8077



525453



D4D4D4



545454

Same Dimension

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



77807C



98A6A0



778080



39403D



008047



000000

Inverse Universe

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



80777B



A6989E



807777



40393C



800039



000000

Previews

White Background



This preview shows how the Hex color 77807C looks on a white background.

Color Contrast Check

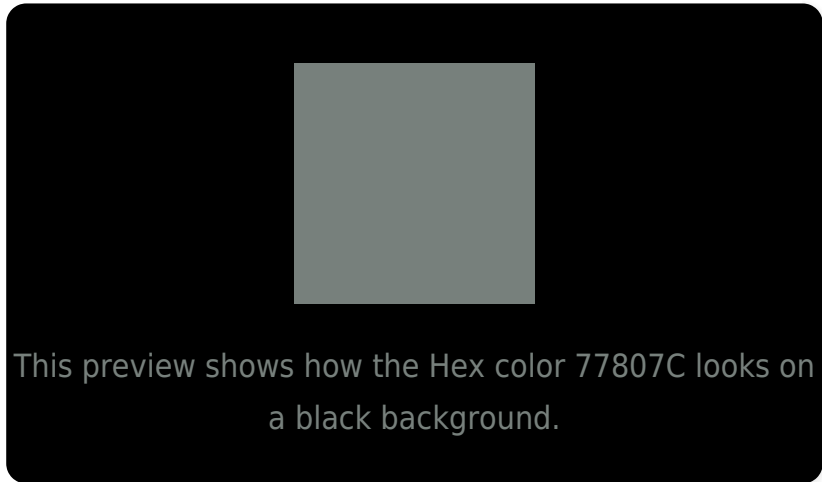
Large Text (above 18pt) WCAG AA ✓ Pass

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

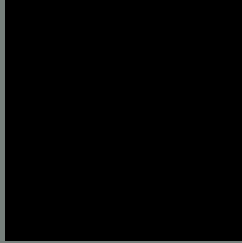
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

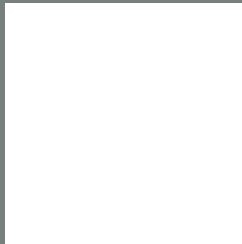
Any Text WCAG AAA × Fail

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

Hex 77807C Background



This preview shows how black text looks on a background with the Hex color 77807C.



This preview shows how white text looks on a background with the Hex color 77807C.

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
77807C

Protanopia
817D7A

Deuteranopia
8A7A7D



Tritanopia
797E88

Trichromacy



Original Color
77807C

Protanomaly
7D7E7B

Deuteranomaly
837C7D

Tritanomaly
787F84

Monochromacy



Original Color
77807C

Achromatopsia
7D7D7D

Achromatomaly
7B7E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 77807C 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 #77807C looks like.

```
.text, #text, p{  
    color:#77807C  
}
```

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 #77807C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77807C
}
```

Border

The CSS property to change the border of an element to Hex 77807C is called "border". The border property can be set on classes, ids or directly on the HTML element.

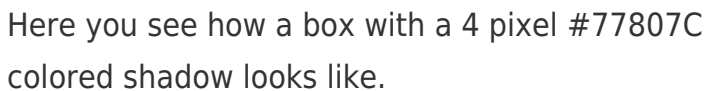
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77807C }
```

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

```
.border{ border-color:#77807C }
```

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



Here you see how a box with a 4 pixel #77807C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77807C; -webkit-box-shadow:4px 4px  
4px 4px #77807C; box-shadow:4px 4px 4px  
4px #77807C }
```

Background

The CSS property to change the background color of an element to Hex 77807C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77807C }
```

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

```
.background{ background-color:#77807C }
```

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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