

Converting Colors

Hex(77807B)

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

Hex(77807B)	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(77807B)

Conversions

Conversions Part 1

Format	Color
Hex	77807B
RGB	119, 128, 123
RGB Percent	47%, 50%, 48%
CMY	0.5333, 0.4980, 0.5176
CMYK	0.07, 0.00, 0.04, 0.50
HSL	147°, 4%, 48%
HSV	147°, 7%, 50%
XYZ	18.9021, 20.7903, 21.7556
YIQ	124.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

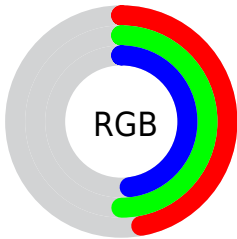
Format	Color
RYB	119, 125, 128
Decimal	7831675
CIELab	52.72, -4.35, 1.56
CIELCh	53, 4.624, 160.303
Yxy	20.7903, 0.3076, 0.3383
Android (android.graphics.Color)	4286021755 (0xFF77807B)
YUV	124.7390, -0.8573, -5.0331
Hunter-Lab	45.5964, -5.7963, 3.6283

Details

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

A 20% lighter version of the original color is **ABB5AF**, and **474F4A** is the 20% darker color. If you saturate the color by 10%, you get **6A8074**, and if you desaturate by 10%, it is **848082**.

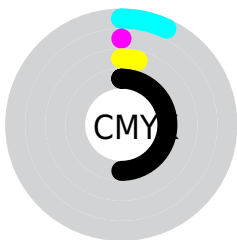
Distribution



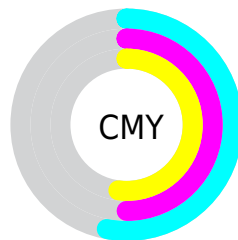
- Red (47%)
- Green (50%)
- Blue (48%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (52%)
- Black (0%)

Brightness & Saturation Gradients

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

■ 77807B

■ 77807B

FFFFFF

■ 5E6762

■ ABB5AF

■ 474F4A

■ C6D0CB

■ 303834

■ E2EDE7

■ 1B231F

■ 000D06

■ 000000

■ 77807B

■ 77807B

■ 6A8074

■ 848082

■ 5D806D

■ 918089

■ 518066

■ 9D8090

■ 44805F

■ AA8097

■ 378057

■ B7809F

■ 2A8050

■ C480A6

■ 1D8049

■ D180AD

■ 118042

■ DD80B4

■ 04803B

■ EA80BB

Harmonies

Analogous

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



7B7F78



77807B



75807F

Triad

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



77807B



7B7E86



867C79

Complementary

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



77807B



80777C

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.



867B7D



77807B



807C84

Square

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



77807B



777F85



847B81



847D76

Rectangle

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



77807B



748082



847B81



877B7A

Sweetspot

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



77807B



A2A6A4



7C8077



525453



D4D4D4



545454

Same Dimension

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



77807B



98A69E



77807F



39403C



008039



000000

Inverse Universe

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



80777C



A698A0



807778



40393D



800047



000000

Previews

White Background



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

Color Contrast Check

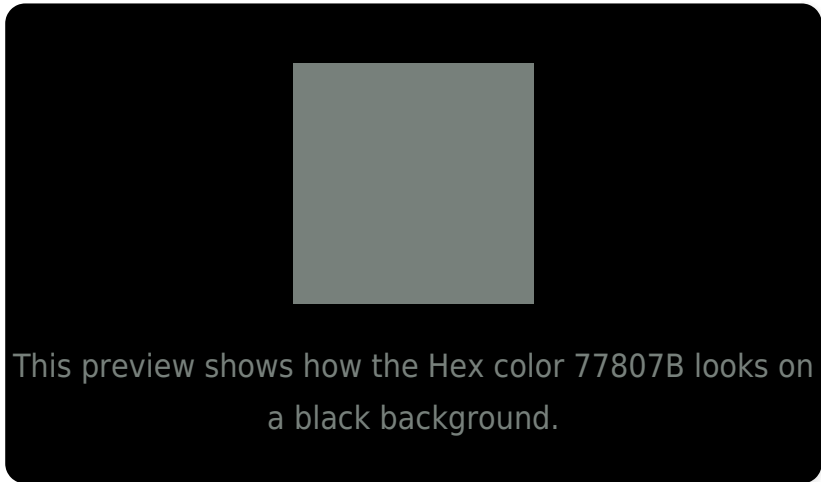
Large Text (above 18pt) WCAG AA ✓ Pass

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

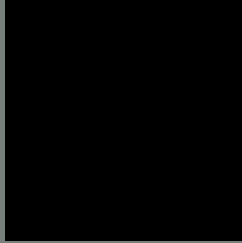
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

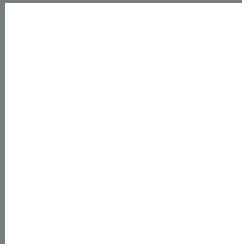
Any Text WCAG AAA × Fail

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

Hex 77807B Background



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



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

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

77807B

Protanopia

817D79

Deuteranopia

8A7A7C



Tritanopia
797E88

Trichromacy



Original Color
77807B

Protanomaly
7D7E7A

Deuteranomaly
837C7C

Tritanomaly
787F83

Monochromacy



Original Color
77807B

Achromatopsia
7D7D7D

Achromatomaly
7B7E7C

CSS Examples

Text

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

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

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 #77807B colored shadow looks like.

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

Border

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

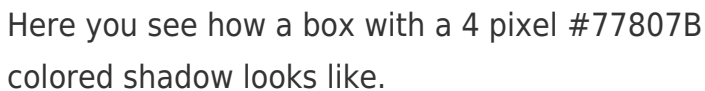
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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