

# Converting Colors

Hex(77807A)

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

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# Color

Hex(77807A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77807A
RGB	119, 128, 122
RGB Percent	47%, 50%, 48%
CMY	0.5333, 0.4980, 0.5216
CMYK	0.07, 0.00, 0.05, 0.50
HSL	140°, 4%, 48%
HSV	140°, 7%, 50%
XYZ	18.8398, 20.7654, 21.4275
YIQ	124.6250, -3.4380, -3.7740

# Conversions

## Conversions Part 2

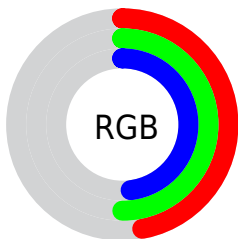
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 126, 128
Decimal	7831674
CIE Lab	52.69, -4.56, 2.10
CIE LCh	53, 5.017, 155.235
Yxy	20.7654, 0.3087, 0.3402
Android (android.graphics.Color)	4286021754 (0xFF77807A)
YUV	124.6250, -1.2941, -4.9331
Hunter-Lab	45.5691, -5.9481, 4.0190

# Details

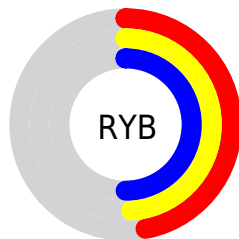
The Hex color **77807A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **80777D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **ABB5AE**, and **474F49** is the 20% darker color. If you saturate the color by 10%, you get **6A8071**, and if you desaturate by 10%, it is **848083**.

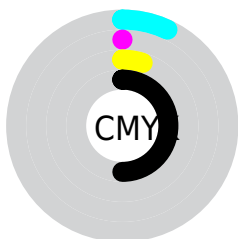
# Distribution



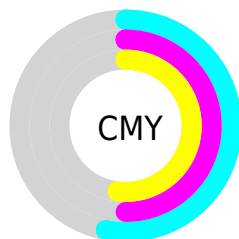
- Red (47%)
- Green (50%)
- Blue (48%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



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

# Brightness & Saturation Gradients

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





77807A



77807A

FFFFFF



5E6761



ABB5AE



474F49



C6D0CA



303833



E2EDE6



1B231E



000D04



000000



77807A



77807A



6A8071



848083



5D8069



91808B

■ 518060

■ 9D8094

■ 448058

■ AA809C

■ 37804F

■ B780A5

■ 2A8047

■ C480AD

■ 1D803E

■ D180B6

■ 118036

■ DD80BE

■ 04802D

■ EA80C7

# Harmonies

## Analogous

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



7C7F77



77807A



74807E

# Triad

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



77807A



7A7E86



877B79

# Complementary

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



77807A



80777D

# 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.



877B7D



77807A



807C85

# Square

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



77807A



767F85



847B81



857C76

# Rectangle

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



77807A



738081



847B81



877B7A



# Sweetspot

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



77807A



A2A6A4



7D8077



525453



D4D4D4



545454



# Same Dimension

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



77807A



98A69D



77807F



39403C



00802B



000000



# Inverse Universe

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



80777D



A698A1



807779



40393E



800055

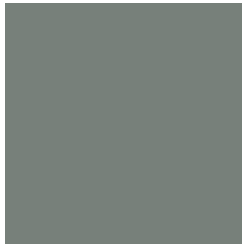


000000



# Previews

## White Background



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

## Color Contrast Check

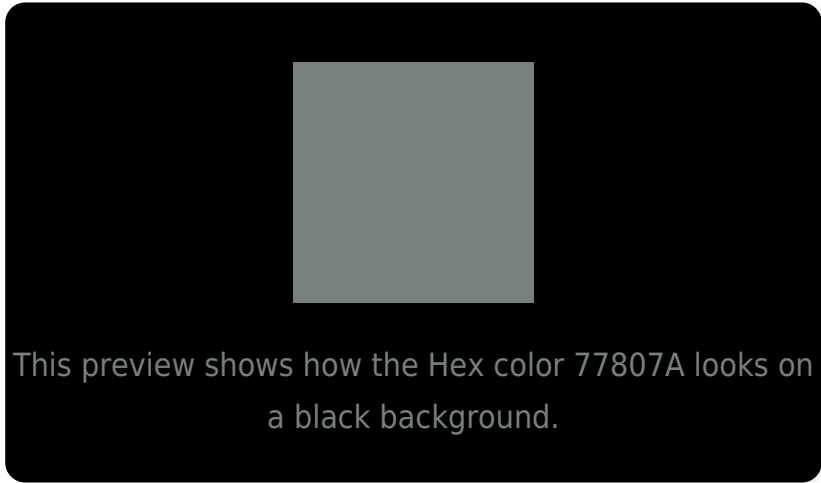
Large Text (above 18pt) WCAG AA ✓ Pass

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

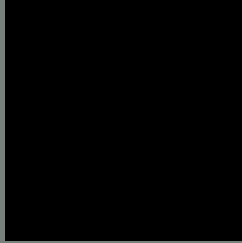
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

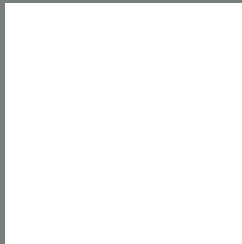
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77807A Background



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



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

# 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**

77807A

**Protanopia**

817D78

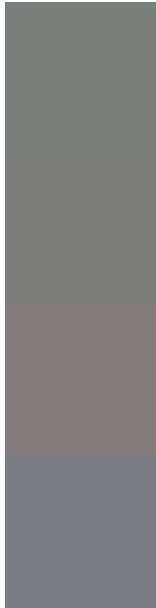
**Deuteranopia**

8B797B



**Tritanopia**  
797E88

# Trichromacy



**Original Color**

77807A

**Protanomaly**

7D7E79

**Deuteranomaly**

847C7B

**Tritanomaly**

787F83

# Monochromacy



**Original Color**

77807A

**Achromatopsia**

7D7D7D

**Achromatomaly**

7B7E7C

# CSS Examples

## Text

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

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

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 #77807A colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 77807A 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
#77807A }
```

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

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

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

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

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

# Background

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

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

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

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

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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