

# Converting Colors

Hex(74847A)

Have a look what the booklet for  
Hex(74847A) contains.

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# Color

**Hex(74847A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74847A
RGB	116, 132, 122
RGB Percent	45%, 52%, 48%
CMY	0.5451, 0.4824, 0.5216
CMYK	0.12, 0.00, 0.08, 0.48
HSL	142°, 6%, 49%
HSV	142°, 12%, 52%
XYZ	18.9666, 21.6207, 21.5859
YIQ	126.0760, -6.3260, -6.5020

# Conversions

## Conversions Part 2

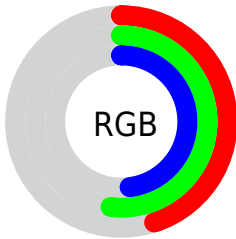
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 128, 132
Decimal	7636090
CIE Lab	53.62, -7.91, 3.42
CIE LCh	54, 8.621, 156.628
Yxy	21.6207, 0.3051, 0.3477
Android (android.graphics.Color)	4285826170 (0xFF74847A)
YUV	126.0760, -2.0095, -8.8367
Hunter-Lab	46.4980, -8.5613, 5.0243

# Details

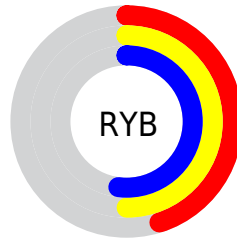
The Hex color **74847A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **84747E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A8B9AE**, and **445349** is the 20% darker color. If you saturate the color by 10%, you get **678472**, and if you desaturate by 10%, it is **818482**.

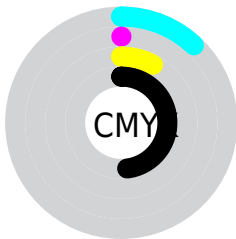
# Distribution



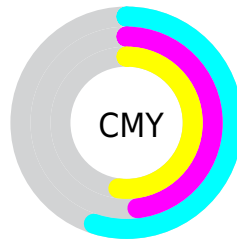
- Red (45%)
- Green (52%)
- Blue (48%)



- Red (45%)
- Yellow (50%)
- Blue (52%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)



- Cyan (55%)
- Magenta (48%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74847A 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 74847A by changing the saturation by 10% instead.





74847A



74847A

FFFFFF



5B6B61



A8B9AE



445349



C3D5CA



2D3C33



DFF1E6



18261E



FCFFFF



001105



000000



74847A



74847A



678472



818482



5A846A



8E848B

■ 4C8461

■ 9C8493

■ 3F8459

■ A9849B

■ 328451

■ B684A3

■ 258449

■ C384AC

■ 188440

■ D084B4

■ 0A8438

■ DE84BC

■ 008432

■ EB84C4

# Harmonies

## Analogous

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



7C8274



74847A



6F8582

# Triad

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



74847A



7A808F



907C78

# Complementary

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



74847A



84747E

# 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.



907B7F



74847A



847E8C

# Square

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



74847A



72828D



8B7C86



8C7E73

# Rectangle

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



74847A



6E8486



8B7C86



907B7A



# Sweetspot

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



74847A



A4ABA7



7E8474



525754



D6D6D6



575757



# Same Dimension

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



74847A



91AB9B



748482



3C423E



008231



000301



# Inverse Universe

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



84747E



AB91A1



847476



423C40



820051



030002



# Previews

## White Background



This preview shows how the Hex color 74847A looks on a white background.

## Color Contrast Check

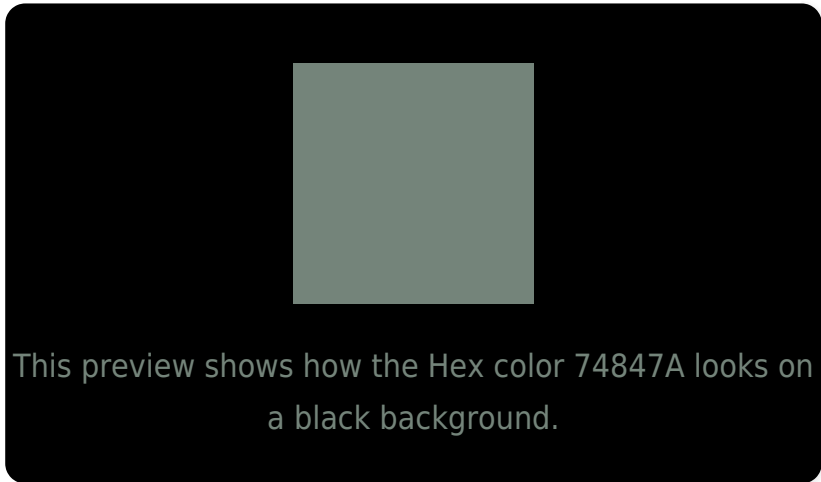
Large Text (above 18pt) WCAG AA ✓ Pass

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

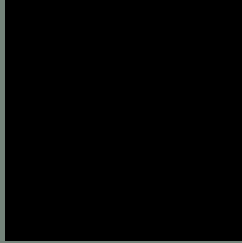
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

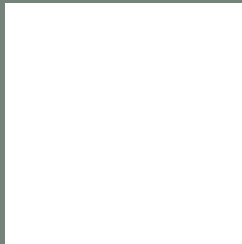
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74847A Background



This preview shows how black text looks on a background with the Hex color 74847A.

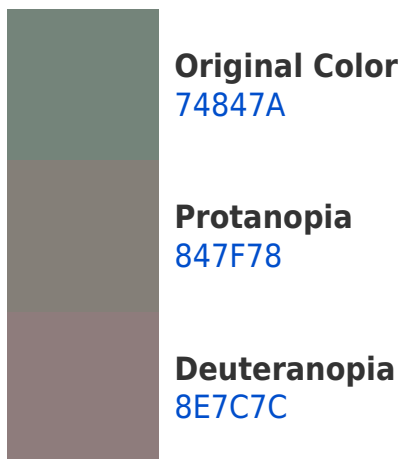


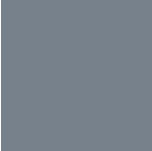
This preview shows how white text looks on a background with the Hex color 74847A.

# 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](#).

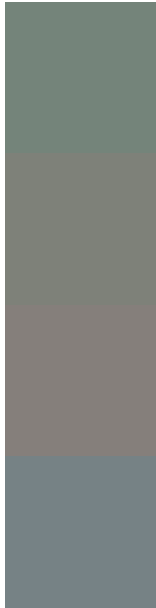
## Dichromacy





**Tritanopia**  
77818C

# Trichromacy



**Original Color**

74847A

**Protanomaly**

7E8179

**Deuteranomaly**

857F7B

**Tritanomaly**

768285

# Monochromacy



**Original Color**

74847A

**Achromatopsia**

7E7E7E

**Achromatomaly**

7A807D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74847A 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 #74847A looks like.

```
.text, #text, p{  
    color:#74847A  
}
```

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 #74847A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74847A
}
```

## Border

The CSS property to change the border of an element to Hex 74847A 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
#74847A }
```

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

```
.border{ border-color:#74847A }
```

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

Here you see how a box with a 4 pixel #74847A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74847A; -webkit-box-shadow:4px 4px  
4px 4px #74847A; box-shadow:4px 4px 4px  
4px #74847A }
```

# Background

The CSS property to change the background color of an element to Hex 74847A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74847A }
```

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

```
.background{ background-color:#74847A }
```

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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