

Converting Colors

Hex(7A747A)

Have a look what the booklet for
Hex(7A747A) contains.

Hex(7A747A)	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(7A747A)

Conversions

Conversions Part 1

Format	Color
Hex	7A747A
RGB	122, 116, 122
RGB Percent	48%, 45%, 48%
CMY	0.5216, 0.5451, 0.5216
CMYK	0.00, 0.05, 0.00, 0.52
HSL	300°, 3%, 47%
HSV	300°, 5%, 48%
XYZ	17.7843, 18.0335, 20.9558
YIQ	118.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

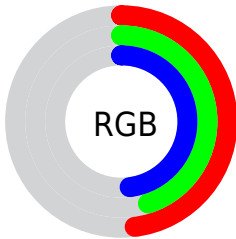
Format	Color
R_{YB}	122, 116, 122
Decimal	8025210
CIE Lab	49.54, 3.49, -2.48
CIE LCh	50, 4.284, 324.657
Yxy	18.0335, 0.3132, 0.3176
Android (android.graphics.Color)	4286215290 (0xFF7A747A)
YUV	118.4780, 1.7363, 3.0888
Hunter-Lab	42.4659, 0.4388, 0.4680

Details

The Hex color **7A747A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **747A74**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AEA8AE**, and **494449** is the 20% darker color. If you saturate the color by 10%, you get **7A687A**, and if you desaturate by 10%, it is **7A807A**.

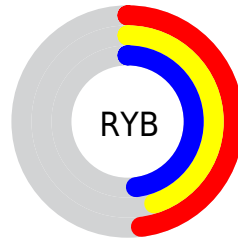
Distribution



Red (48%)

Green (45%)

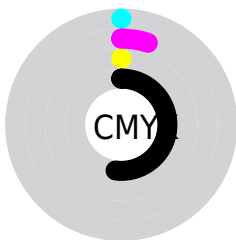
Blue (48%)



Red (48%)

Yellow (45%)

Blue (48%)

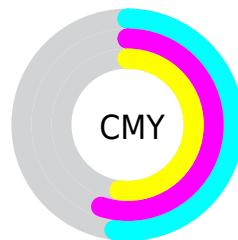


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A747A 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 7A747A by changing the saturation by 10% instead.



7A747A



7A747A

FFFFFF



615B61



AEA8AE



494449



CAC3CA



332E33



E6DFE6



1E191E



FFFCFF



020004



000000



7A747A



7A747A



7A687A



7A807A



7A5C7A



7A8C7A

 7A4F7A

 7A997A

 7A437A

 7AA57A

 7A377A

 7AB17A

 7A2B7A

 7ABD7A

 7A1F7A

 7AC97A

 7A127A

 7AD67A

 7A067A

 7AE27A

Harmonies

Analogous

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



76757C



7A747A



7D7377

Triad

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



7A747A



7A756F



6D7879

Complementary

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



7A7A7A



747474

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.



6E7875



7A747A



76766F

Square

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



7A747A



7D7470



717771



6E777C

Rectangle

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



7A747A



7E7374



717771



6D7877

Sweetspot

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



7A747A



9E9D9E



74747A



4F4E4F



CFCFCF



4F4F4F

Same Dimension

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



7A747A



9E959E



7A7477



3D393D



7D007D



FC00FC

Inverse Universe

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



7A747A



9E959E



747A77



3D393D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 7A747A looks on a white background.

Color Contrast Check

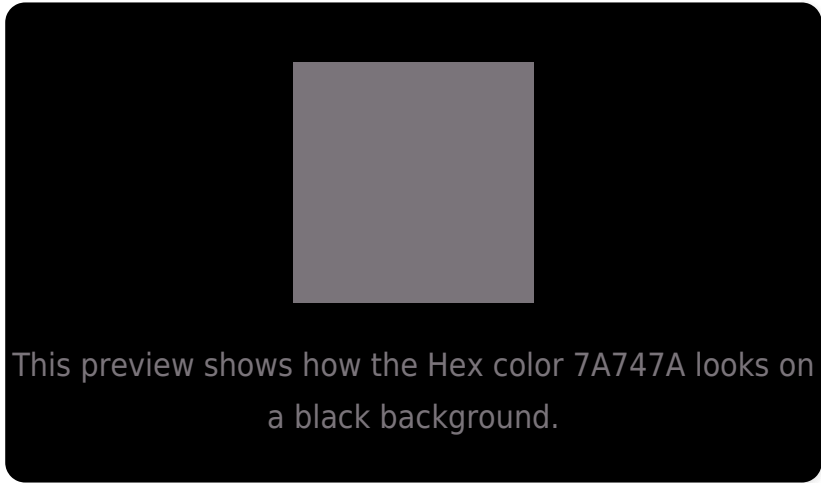
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

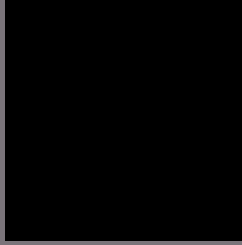
Any Text WCAG AA ✓ Pass

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 7A747A Background



This preview shows how black text looks on a background with the Hex color 7A747A.



This preview shows how white text looks on a background with the Hex color 7A747A.

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

7A747A

Protanopia

76757B

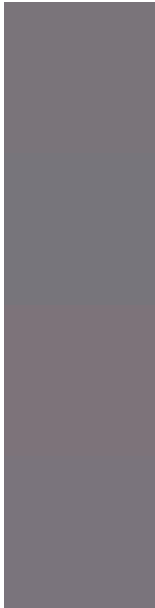
Deuteranopia

7F727A



Tritanopia
7A747D

Trichromacy



Original Color

7A747A

Protanomaly

77757B

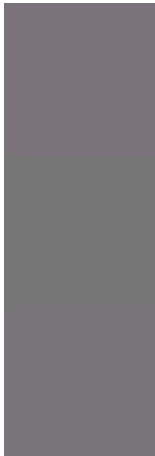
Deuteranomaly

7D737A

Tritanomaly

7A747C

Monochromacy



Original Color

7A747A

Achromatopsia

767676

Achromatomaly

777577

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A747A 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 #7A747A looks like.

```
.text, #text, p{  
    color:#7A747A  
}
```

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 #7A747A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A747A
}
```

Border

The CSS property to change the border of an element to Hex 7A747A is called "border". The border property can be set on classes, ids or directly on the HTML element.

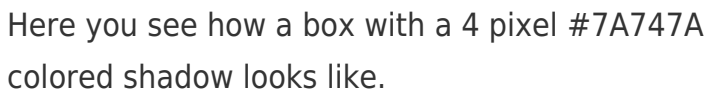
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A747A }
```

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

```
.border{ border-color:#7A747A }
```

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



Here you see how a box with a 4 pixel #7A747A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A747A; -webkit-box-shadow:4px 4px  
4px 4px #7A747A; box-shadow:4px 4px 4px  
4px #7A747A }
```

Background

The CSS property to change the background color of an element to Hex 7A747A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A747A }
```

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

```
.background{ background-color:#7A747A }
```

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