

Converting Colors

Hex(747C8B)

Have a look what the booklet for
Hex(747C8B) contains.

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Color

Hex(747C8B)

Conversions

Conversions Part 1

Format	Color
Hex	747C8B
RGB	116, 124, 139
RGB Percent	45%, 49%, 55%
CMY	0.5451, 0.5137, 0.4549
CMYK	0.17, 0.11, 0.00, 0.45
HSL	219°, 9%, 50%
HSV	219°, 17%, 55%
XYZ	19.0703, 19.9924, 27.2799
YIQ	123.3180, -9.5830, 2.9690

Conversions

Conversions Part 2

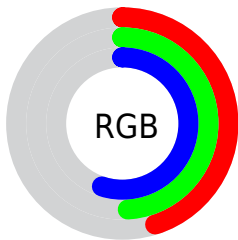
Format	Color
R_{YB}	116, 122, 139
Decimal	7634059
CIE Lab	51.83, 0.35, -9.14
CIE LCh	52, 9.144, 272.188
Yxy	19.9924, 0.2875, 0.3014
Android (android.graphics.Color)	4285824139 (0xFF747C8B)
YUV	123.3180, 7.7312, -6.4179
Hunter-Lab	44.7128, -2.1161, -4.8746

Details

The Hex color **747C8B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B8374**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A8B0C0**, and **444B59** is the 20% darker color. If you saturate the color by 10%, you get **66738B**, and if you desaturate by 10%, it is **82858B**.

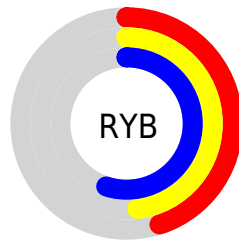
Distribution



Red (45%)

Green (49%)

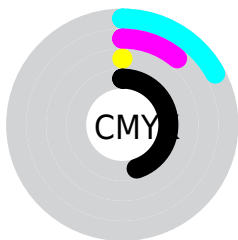
Blue (55%)



Red (45%)

Yellow (48%)

Blue (55%)

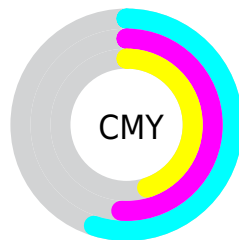


Cyan (17%)

Magenta (11%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747C8B 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 747C8B by changing the saturation by 10% instead.

■ 747C8B

■ 747C8B

FFFFFF

■ 5B6372

■ A8B0C0

■ 444B59

■ C3CCDC

■ 2D3542

■ DFE8F9

■ 18202C

■ FCFFFF

■ 000717

■ 000000

■ 747C8B

■ 747C8B

■ 66738B

■ 82858B

■ 586A8B

■ 908E8B

■ 4A618B

■ 9E978B

■ 3C588B

■ ACA08B

■ 2F4F8B

■ BAA98B

■ 21468B

■ C7B28B

■ 133D8B

■ D5BB8B

■ 05338B

■ E3C58B

■ 00308B

■ F1CE8B

Harmonies

Analogous

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



6C7E89



747C8B



7E7989

Triad

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



747C8B



8C7774



707F74

Complementary

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



747C8B



8B8374

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.



797E6E



747C8B



89796E

Square

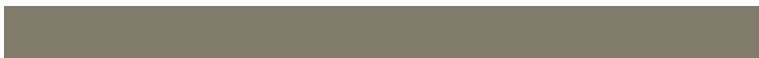
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



747C8B



8C767B



817B6C



6A807C

Rectangle

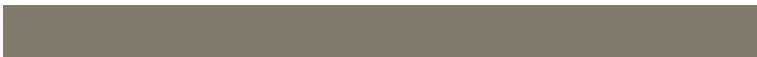
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



747C8B



847885



817B6C



737F72

Sweetspot

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



747C8B



ACAFB5



748B83



56585C



DBDBDB



5C5C5C

Same Dimension

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



747C8B



919DB5



77748B



3E4045



002E85



000205

Inverse Universe

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



8B747C



B5919D



888B74



453E40



85002E



050002

Previews

White Background



This preview shows how the Hex color 747C8B looks on a white background.

Color Contrast Check

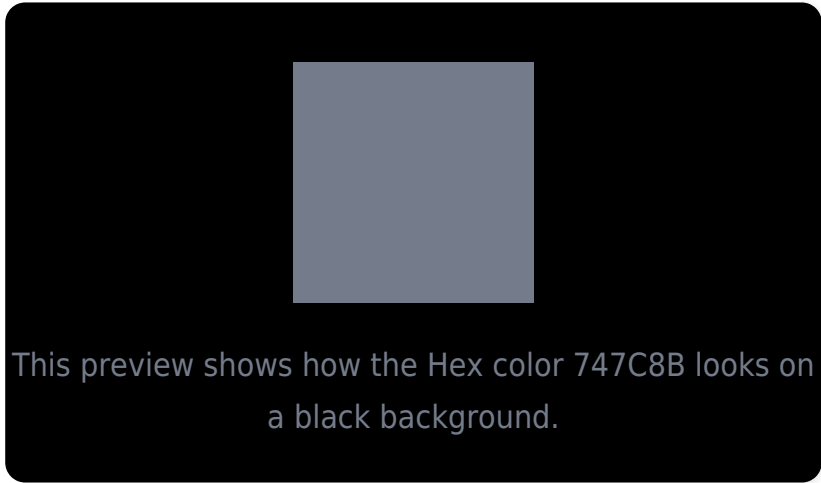
Large Text (above 18pt) WCAG AA ✓ Pass

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

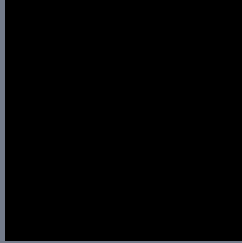
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

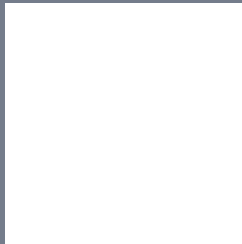
Any Text WCAG AAA × Fail

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

Hex 747C8B Background



This preview shows how black text looks on a background with the Hex color 747C8B.



This preview shows how white text looks on a background with the Hex color 747C8B.

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

747C8B

Protanopia

797B8A

Deuteranopia

80788C



Tritanopia
737D87

Trichromacy



Original Color

747C8B

Protanomaly

777B8A

Deuteranomaly

7C798C

Tritanomaly

737D88

Monochromacy



Original Color

747C8B

Achromatopsia

7B7B7B

Achromatomaly

787B81

CSS Examples

Text

The CSS property to change the color of the text to Hex 747C8B 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 #747C8B looks like.

```
.text, #text, p{  
    color:#747C8B  
}
```

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 #747C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747C8B
}
```

Border

The CSS property to change the border of an element to Hex 747C8B 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
#747C8B }
```

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

```
.border{ border-color:#747C8B }
```

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

Here you see how a box with a 4 pixel #747C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747C8B; -webkit-box-shadow:4px 4px  
4px 4px #747C8B; box-shadow:4px 4px 4px  
4px #747C8B }
```

Background

The CSS property to change the background color of an element to Hex 747C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747C8B }
```

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

```
.background{ background-color:#747C8B }
```

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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