

Converting Colors

Hex(747B7D)

Have a look what the booklet for
Hex(747B7D) contains.

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Color

Hex(747B7D)

Conversions

Conversions Part 1

Format	Color
Hex	747B7D
RGB	116, 123, 125
RGB Percent	45%, 48%, 49%
CMY	0.5451, 0.5176, 0.5098
CMYK	0.07, 0.02, 0.00, 0.51
HSL	193°, 4%, 47%
HSV	193°, 7%, 49%
XYZ	17.9871, 19.3596, 22.1908
YIQ	121.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

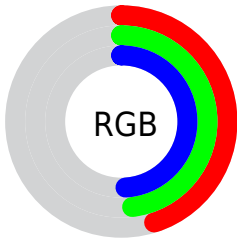
Format	Color
R_{YB}	116, 120, 125
Decimal	7633789
CIE _{Lab}	51.11, -2.18, -2.00
CIE _{LCh}	51, 2.960, 222.469
Yxy	19.3596, 0.3021, 0.3252
Android (android.graphics.Color)	4285823869 (0xFF747B7D)
YUV	121.1350, 1.9054, -4.5034
Hunter-Lab	43.9995, -4.0281, 0.8973

Details

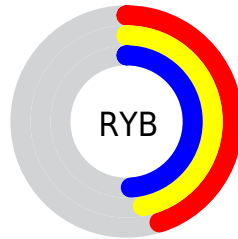
The Hex color **747B7D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D7674**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A8AFB2**, and **444A4C** is the 20% darker color. If you saturate the color by 10%, you get **68787D**, and if you desaturate by 10%, it is **817E7D**.

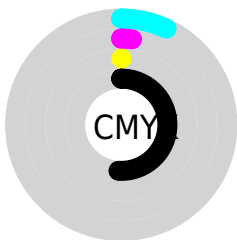
Distribution



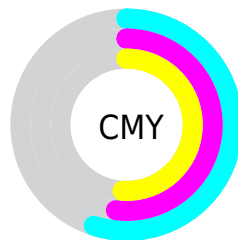
- Red (45%)
- Green (48%)
- Blue (49%)



- Red (45%)
- Yellow (47%)
- Blue (49%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (55%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747B7D 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 747B7D by changing the saturation by 10% instead.

■ 747B7D

■ 747B7D

FFFFFF

■ 5B6264

■ A8AFB2

■ 444A4C

■ C3CBCD

■ 2E3436

■ DFE7E9

■ 191F20

■ FCFFFF

■ 000609

■ 000000

■ 747B7D

■ 747B7D

■ 68787D

■ 817E7D

■ 5B757D

■ 8D817D

■ 4F737D

■ 9A837D

■ 42707D

■ A6867D

■ 366D7D

■ B3897D

■ 296A7D

■ BF8C7D

■ 1C687D

■ CC8E7D

■ 10657D

■ D8917D

■ 04627D

■ E4947D

Harmonies

Analogous

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



747B7B



747B7D



767A7E

Triad

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



747B7D



7E787B



7B7A75

Complementary

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



747B7D



7D7674

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.



7D7975



747B7D



7F7879

Square

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



747B7D



7C797D



7F7876



787B76

Rectangle

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



747B7D



777A7F



7F7876



7C7A75

Sweetspot

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



747B7D



A0A2A3



747D76



505152



D1D1D1



525252

Same Dimension

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



747B7D



95A0A3



74777D



393E40



006380



000000

Inverse Universe

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



7D747B



A395A0



7D7A74



40393E



800063



000000

Previews

White Background



This preview shows how the Hex color 747B7D looks on a white background.

Color Contrast Check

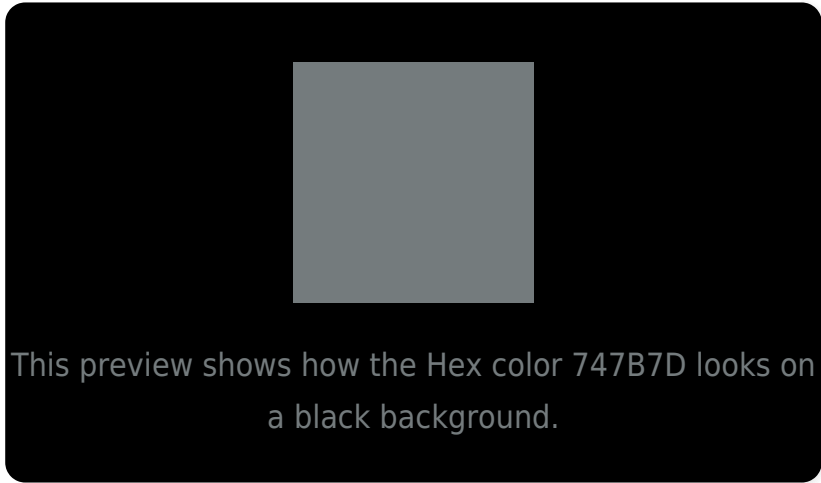
Large Text (above 18pt) WCAG AA ✓ Pass

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

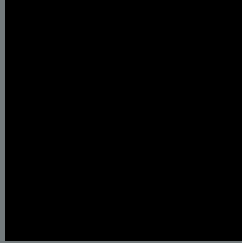
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

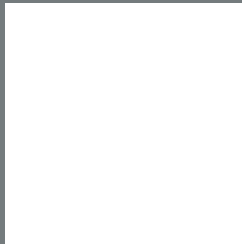
Any Text WCAG AAA × Fail

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

Hex 747B7D Background



This preview shows how black text looks on a background with the Hex color 747B7D.



This preview shows how white text looks on a background with the Hex color 747B7D.

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
747B7D

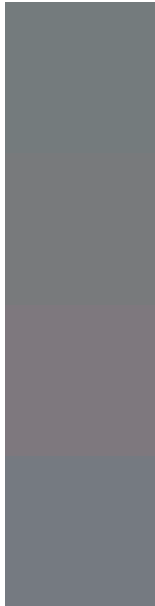
Protanopia
7B797C

Deuteranopia
83767E



Tritanopia
757A84

Trichromacy



Original Color

747B7D

Protanomaly

787A7C

Deuteranomaly

7E787E

Tritanomaly

757A81

Monochromacy



Original Color

747B7D

Achromatopsia

797979

Achromatomaly

777A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 747B7D 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 #747B7D looks like.

```
.text, #text, p{  
    color:#747B7D  
}
```

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 #747B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747B7D
}
```

Border

The CSS property to change the border of an element to Hex 747B7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

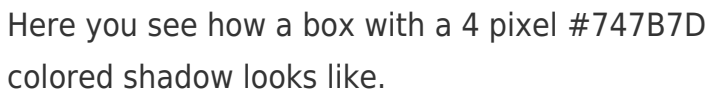
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#747B7D }
```

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

```
.border{ border-color:#747B7D }
```

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



Here you see how a box with a 4 pixel #747B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747B7D; -webkit-box-shadow:4px 4px  
4px 4px #747B7D; box-shadow:4px 4px 4px  
4px #747B7D }
```

Background

The CSS property to change the background color of an element to Hex 747B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747B7D }
```

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

```
.background{ background-color:#747B7D }
```

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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