

Converting Colors

Hex(747C83)

Have a look what the booklet for
Hex(747C83) contains.

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Color

Hex(747C83)

Conversions

Conversions Part 1

Format	Color
Hex	747C83
RGB	116, 124, 131
RGB Percent	45%, 49%, 51%
CMY	0.5451, 0.5137, 0.4863
CMYK	0.11, 0.05, 0.00, 0.49
HSL	208°, 6%, 48%
HSV	208°, 11%, 51%
XYZ	18.5068, 19.7670, 24.3127
YIQ	122.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

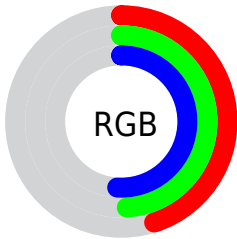
Format	Color
RYB	116, 121, 131
Decimal	7634051
CIELab	51.57, -1.46, -4.83
CIElCh	52, 5.047, 253.185
Yxy	19.7670, 0.2957, 0.3158
Android (android.graphics.Color)	4285824131 (0xFF747C83)
YUV	122.4060, 4.2368, -5.6181
Hunter-Lab	44.4601, -3.5032, -1.3003

Details

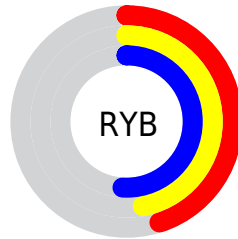
The Hex color **747C83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **837B74**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A8B0B8**, and **444B52** is the 20% darker color. If you saturate the color by 10%, you get **677683**, and if you desaturate by 10%, it is **818283**.

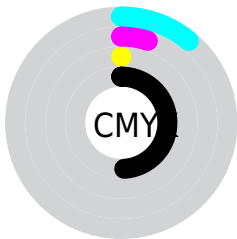
Distribution



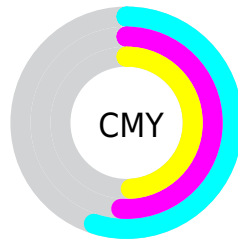
- Red (45%)
- Green (49%)
- Blue (51%)



- Red (45%)
- Yellow (47%)
- Blue (51%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747C83 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 747C83 by changing the saturation by 10% instead.

■ 747C83

■ 747C83

FFFFFF

■ 5B636A

■ A8B0B8

■ 444B52

■ C3CCD4

■ 2D353B

■ DFE8F0

■ 192025

■ FCFFFF

■ 000710

■ 000000

■ 747C83

■ 747C83

■ 677683

■ 818283

■ 5A7083

■ 8E8883

■ 4D6A83

■ 9B8E83

■ 406483

■ A89483

■ 335D83

■ B69B83

■ 255783

■ C3A183

■ 185183

■ D0A783

■ 0B4B83

■ DDAD83

■ 004683

■ EAB383

Harmonies

Analogous

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



717D81



747C83



797B83

Triad

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



747C83



847879



777C75

Complementary

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



747C83



837B74

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.



7D7B73



747C83



847975

Square

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



747C83



82787D



817A73



737D78

Rectangle

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



747C83



7C7A82



817A73



797C74

Sweetspot

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



747C83



A6A8AB



74837B



535557



D6D6D6



575757

Same Dimension

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



747C83



93A0AB



747583



3C3F42



004582



000103

Inverse Universe

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



83747C



AB93A0



838374



423C3F



820045



030001

Previews

White Background



This preview shows how the Hex color 747C83 looks on a white background.

Color Contrast Check

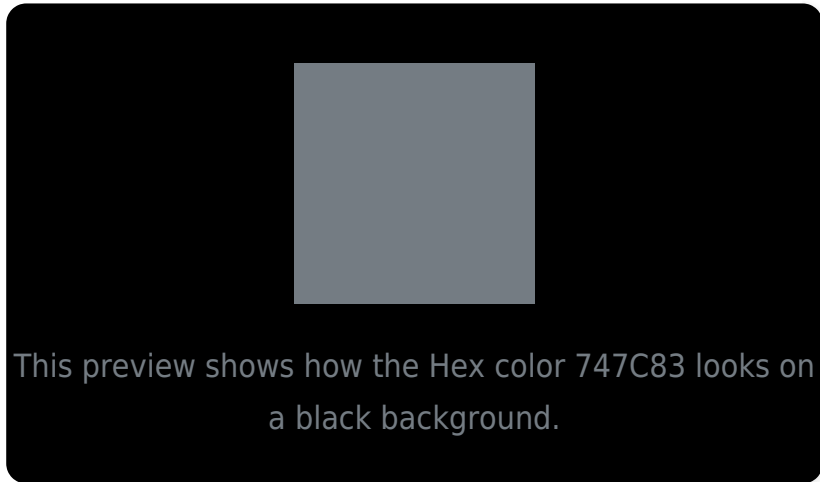
Large Text (above 18pt) WCAG AA ✓ Pass

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

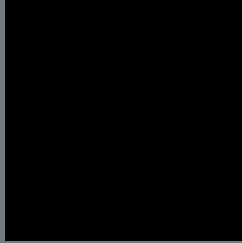
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

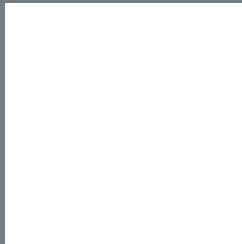
Any Text WCAG AAA × Fail

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

Hex 747C83 Background



This preview shows how black text looks on a background with the Hex color 747C83.



This preview shows how white text looks on a background with the Hex color 747C83.

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
747C83

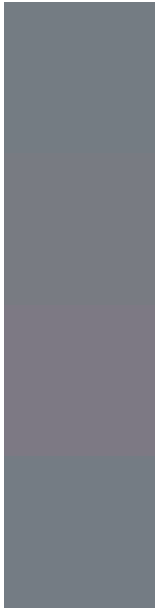
Protanopia
7B7A82

Deuteranopia
827784



Tritanopia
747C85

Trichromacy



Original Color

74C83

Protanomaly

787B82

Deuteranomaly

7D7984

Tritanomaly

747C84

Monochromacy



Original Color

74C83

Achromatopsia

7A7A7A

Achromatomaly

787B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 747C83 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 #747C83 looks like.

```
.text, #text, p{  
    color:#747C83  
}
```

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 #747C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747C83
}
```

Border

The CSS property to change the border of an element to Hex 747C83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

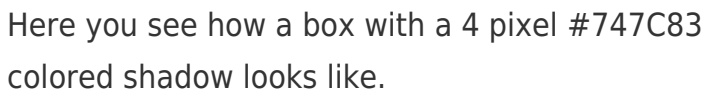
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#747C83 }
```

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

```
.border{ border-color:#747C83 }
```

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



Here you see how a box with a 4 pixel #747C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747C83; -webkit-box-shadow:4px 4px  
4px 4px #747C83; box-shadow:4px 4px 4px  
4px #747C83 }
```

Background

The CSS property to change the background color of an element to Hex 747C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747C83 }
```

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

```
.background{ background-color:#747C83 }
```

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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