

# Converting Colors

Hex(747F7F)

Have a look what the booklet for  
Hex(747F7F) contains.

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# Color

Hex(747F7F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	747F7F
RGB	116, 127, 127
RGB Percent	45%, 50%, 50%
CMY	0.5451, 0.5020, 0.5020
CMYK	0.09, 0.00, 0.00, 0.50
HSL	180°, 5%, 48%
HSV	180°, 9%, 50%
XYZ	18.6226, 20.4241, 23.0394
YIQ	123.7110, -6.5560, -2.3320

# Conversions

## Conversions Part 2

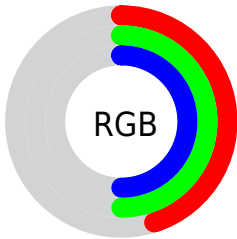
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 122, 127
Decimal	7634815
CIE Lab	52.31, -4.05, -1.40
CIE LCh	52, 4.283, 199.043
Yxy	20.4241, 0.2999, 0.3290
Android (android.graphics.Color)	4285824895 (0xFF747F7F)
YUV	123.7110, 1.6215, -6.7625
Hunter-Lab	45.1930, -5.5335, 1.4090

# Details

The Hex color **747F7F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F7474**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A8B4B4**, and **444E4E** is the 20% darker color. If you saturate the color by 10%, you get **677F7F**, and if you desaturate by 10%, it is **817F7F**.

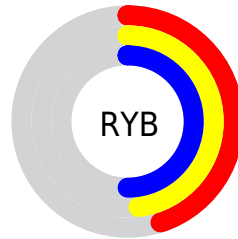
# Distribution



Red (45%)

Green (50%)

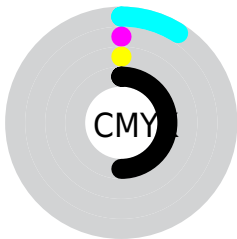
Blue (50%)



Red (45%)

Yellow (48%)

Blue (50%)

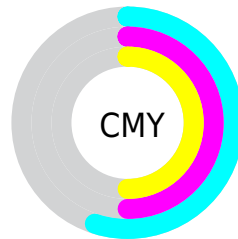


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (50%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747F7F 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 747F7F by changing the saturation by 10% instead.



■ 747F7F

■ 747F7F

FFFFFF

■ 5B6666

■ A8B4B4

■ 444E4E

■ C3CFCF

■ 2E3737

■ DFEBEB

■ 192222

■ FCFFFF

■ 000C0C

■ 000000

■ 747F7F

■ 747F7F

■ 677F7F

■ 817F7F

■ 5B7F7F

■ 8D7F7F

■ 4E7F7F

■ 9A7F7F

■ 417F7F

■ A77F7F

■ 347F7F

■ B37F7F

■ 287F7F

■ C07F7F

■ 1B7F7F

■ CD7F7F

■ 0E7F7F

■ DA7F7F

■ 027F7F

■ E67F7F

# Harmonies

## Analogous

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



767F7B



747F7F



757E82

# Triad

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



747F7F



807B82



817C76

# Complementary

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



747F7F



7F7474

# 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.



847B77



747F7F



847A7E

# Square

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



747F7F



7C7C84



857A7B



7D7D76

# Rectangle

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



747F7F



767E83



857A7B



827C76



# Sweetspot

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



747F7F



A1A6A6



747F74



515454



D4D4D4



545454



# Same Dimension

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



747F7F



95A6A6



747A7F



394040



008080



000000



# Inverse Universe

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



7F747F



A695A6



7F7A74



403940



800080



000000



# Previews

## White Background



This preview shows how the Hex color 747F7F looks on a white background.

## Color Contrast Check

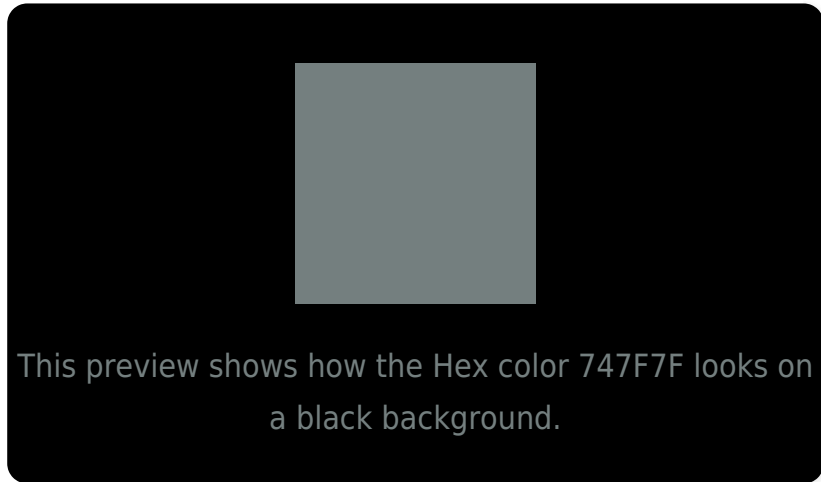
Large Text (above 18pt) WCAG AA ✓ Pass

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

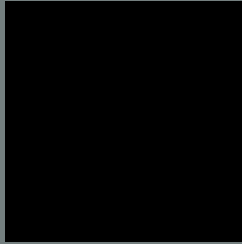
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

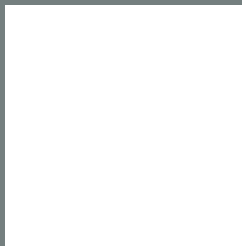
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 747F7F Background



This preview shows how black text looks on a background with the Hex color 747F7F.



This preview shows how white text looks on a background with the Hex color 747F7F.

# 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**

747F7F

**Protanopia**

7F7C7D

**Deuteranopia**

877980



**Tritanopia**  
757E88

# Trichromacy



**Original Color**

747F7F

**Protanomaly**

7B7D7E

**Deuteranomaly**

807B80

**Tritanomaly**

757E85

# Monochromacy



**Original Color**

747F7F

**Achromatopsia**

7C7C7C

**Achromatomaly**

797D7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747F7F 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 #747F7F looks like.

```
.text, #text, p{  
    color:#747F7F  
}
```

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 #747F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747F7F
}
```

## Border

The CSS property to change the border of an element to Hex 747F7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

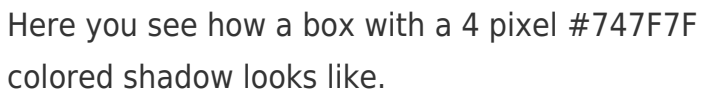
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#747F7F }
```

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

```
.border{ border-color:#747F7F }
```

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



Here you see how a box with a 4 pixel `#747F7F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747F7F; -webkit-box-shadow:4px 4px  
4px 4px #747F7F; box-shadow:4px 4px 4px  
4px #747F7F }
```

# Background

The CSS property to change the background color of an element to Hex 747F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747F7F }
```

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

```
.background{ background-color:#747F7F }
```

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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