

# Converting Colors

Hex(747E8F)

Have a look what the booklet for  
Hex(747E8F) contains.

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# Color

Hex(747E8F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	747E8F
RGB	116, 126, 143
RGB Percent	45%, 49%, 56%
CMY	0.5451, 0.5059, 0.4392
CMYK	0.19, 0.12, 0.00, 0.44
HSL	218°, 11%, 51%
HSV	218°, 19%, 56%
XYZ	19.6212, 20.6179, 28.9321
YIQ	124.9480, -11.4170, 3.1670

# Conversions

## Conversions Part 2

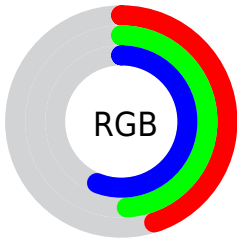
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 123, 143
Decimal	7634575
CIE <sub>Lab</sub>	52.53, 0.12, -10.43
CIE <sub>LCh</sub>	53, 10.427, 270.678
Yxy	20.6179, 0.2837, 0.2981
Android (android.graphics.Color)	4285824655 (0xFF747E8F)
YUV	124.9480, 8.8996, -7.8474
Hunter-Lab	45.4069, -2.3287, -5.9932

# Details

The Hex color **747E8F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8F8574**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A8B3C5**, and **434D5D** is the 20% darker color. If you saturate the color by 10%, you get **66758F**, and if you desaturate by 10%, it is **82878F**.

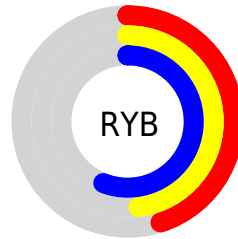
# Distribution



Red (45%)

Green (49%)

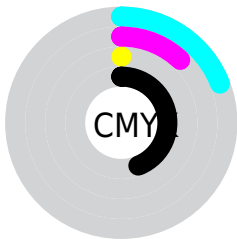
Blue (56%)



Red (45%)

Yellow (48%)

Blue (56%)

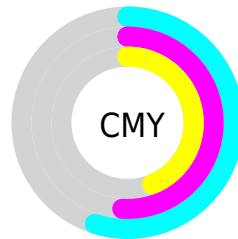


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (51%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 747E8F 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 747E8F by changing the saturation by 10% instead.



■ 747E8F

■ 747E8F

FFFFFF

■ 5B6575

■ A8B3C5

■ 434D5D

■ C4CEE1

■ 2D3645

■ E0EAFD

■ 17212F

■ FCFFFF

■ 000A1A

■ 000000

■ 747E8F

■ 747E8F

■ 66758F

■ 82878F

■ 576C8F

■ 91908F

49638F

9F998F

3B5A8F

ADA28F

2D518F

BCAB8F

1E488F

CAB48F

103F8F

D8BD8F

02368F

E6C68F

00358F

F5CF8F

# Harmonies

## Analogous

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



6B818D



747E8F



7F7B8D

# Triad

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



747E8F



907875



708274

# Complementary

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



747E8F



8F8574

# 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.



7A806E



747E8F



8C7A6E

# Square

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



747E8F



8F777D



847D6C



69837D

# Rectangle

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



747E8F



867989



847D6C



748172



# Sweetspot

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



747E8F



AFB3BA



748F85



585A5E



DEDEDE



5E5E5E



# Same Dimension

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



747E8F



8F9FBA



77748F



404347



003287



000308



# Inverse Universe

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



8F747E



BA8F9F



8C8F74



474043



870032



080003



# Previews

## White Background



This preview shows how the Hex color 747E8F looks on a white background.

## Color Contrast Check

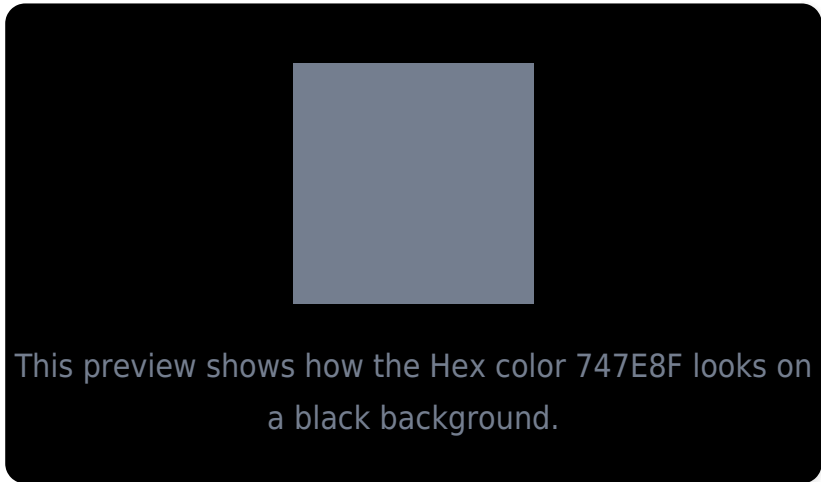
Large Text (above 18pt) WCAG AA ✓ Pass

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

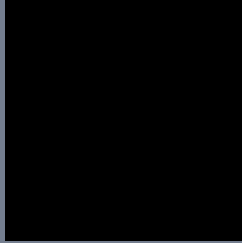
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

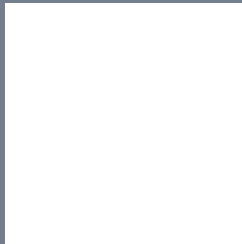
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 747E8F Background



This preview shows how black text looks on a background with the Hex color 747E8F.



This preview shows how white text looks on a background with the Hex color 747E8F.

# 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**

747E8F

**Protanopia**

7A7C8E

**Deuteranopia**

807A90



**Tritanopia**  
737F89

# Trichromacy



**Original Color**

747E8F

**Protanomaly**

787D8E

**Deuteranomaly**

7C7B90

**Tritanomaly**

737F8B

# Monochromacy



**Original Color**

747E8F

**Achromatopsia**

7D7D7D

**Achromatomaly**

7A7D84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 747E8F 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 #747E8F looks like.

```
.text, #text, p{  
    color:#747E8F  
}
```

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 #747E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747E8F
}
```

## Border

The CSS property to change the border of an element to Hex 747E8F 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
#747E8F }
```

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

```
.border{ border-color:#747E8F }
```

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

Here you see how a box with a 4 pixel #747E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747E8F; -webkit-box-shadow:4px 4px  
4px 4px #747E8F; box-shadow:4px 4px 4px  
4px #747E8F }
```

# Background

The CSS property to change the background color of an element to Hex 747E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747E8F }
```

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

```
.background{ background-color:#747E8F }
```

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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