

# Converting Colors

Hex(757E8F)

Have a look what the booklet for  
Hex(757E8F) contains.

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# Color

Hex(757E8F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757E8F
RGB	117, 126, 143
RGB Percent	46%, 49%, 56%
CMY	0.5412, 0.5059, 0.4392
CMYK	0.18, 0.12, 0.00, 0.44
HSL	219°, 10%, 51%
HSV	219°, 18%, 56%
XYZ	19.7549, 20.6868, 28.9384
YIQ	125.2470, -10.8210, 3.3790

# Conversions

## Conversions Part 2

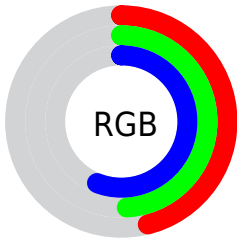
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 124, 143
Decimal	7700111
CIE Lab	52.60, 0.46, -10.30
CIE LCh	53, 10.314, 272.579
Yxy	20.6868, 0.2847, 0.2982
Android (android.graphics.Color)	4285890191 (0xFF757E8F)
YUV	125.2470, 8.7522, -7.2326
Hunter-Lab	45.4827, -2.0654, -5.8853

# Details

The Hex color **757E8F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8F8675**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A9B3C5**, and **444D5D** is the 20% darker color. If you saturate the color by 10%, you get **67758F**, and if you desaturate by 10%, it is **83878F**.

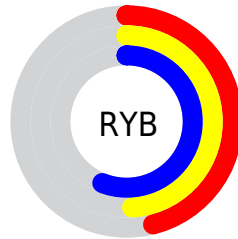
# Distribution



Red (46%)

Green (49%)

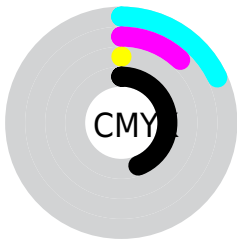
Blue (56%)



Red (46%)

Yellow (49%)

Blue (56%)

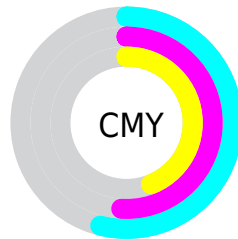


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (51%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757E8F 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 757E8F by changing the saturation by 10% instead.



■ 757E8F

■ 757E8F

FFFFFF

■ 5C6575

■ A9B3C5

■ 444D5D

■ C5CEE1

■ 2E3645

■ E1EAFD

■ 18212F

FDFFFF

■ 000A1A

■ 000000

■ 757E8F

■ 757E8F

■ 67758F

■ 83878F

■ 586B8F

■ 92918F

■ 4A628F

■ A09A8F

■ 3C598F

■ AEA38F

■ 2D4F8F

■ BCAD8F

■ 1F468F

■ CBB68F

■ 113D8F

■ D9BF8F

■ 03338F

■ E7C98F

■ 00328F

■ F6D28F

# Harmonies

## Analogous

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



6C818D



757E8F



807B8C

# Triad

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



757E8F



907874



708275

# Complementary

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



757E8F



8F8675

# 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.



7A806F



757E8F



8C7A6E

# Square

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



757E8F



90787D



847D6C



69837E

# Rectangle

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



757E8F



877988



847D6C



738173



# Sweetspot

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



757E8F



B1B4BA



758F86



595B5E



DEDEDE



5E5E5E



# Same Dimension

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



757E8F



919FBA



79758F



404347



002F87



000308



# Inverse Universe

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



8F757E



BA919F



8B8F75



474043



87002F



080003



# Previews

## White Background



This preview shows how the Hex color 757E8F looks on a white background.

## Color Contrast Check

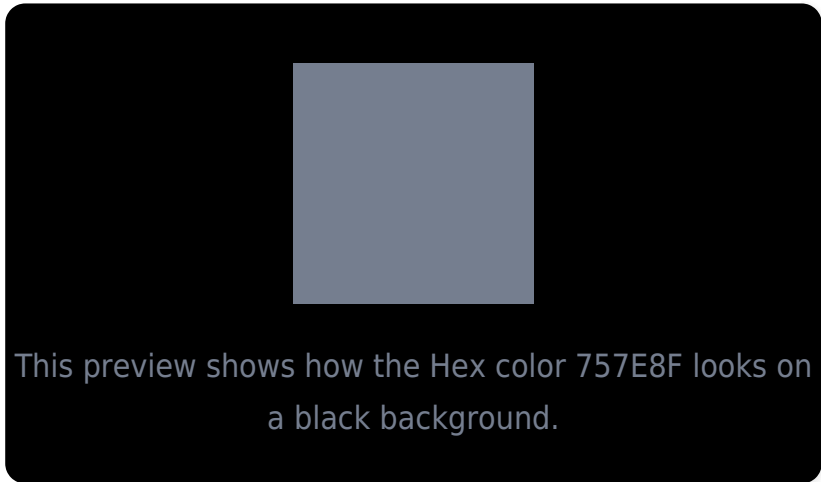
Large Text (above 18pt) WCAG AA ✓ Pass

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

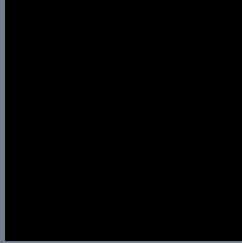
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

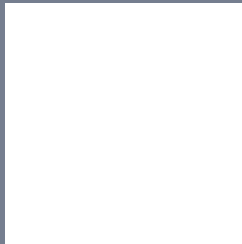
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 757E8F Background



This preview shows how black text looks on a background with the Hex color 757E8F.



This preview shows how white text looks on a background with the Hex color 757E8F.

# 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**

757E8F

**Protanopia**

7B7C8E

**Deuteranopia**

817A90



**Tritanopia**  
747F89

# Trichromacy



**Original Color**  
757E8F

**Protanomaly**  
797D8E

**Deuteranomaly**  
7D7B90

**Tritanomaly**  
747F8B

# Monochromacy



**Original Color**  
757E8F

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7A7D84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757E8F 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 #757E8F looks like.

```
.text, #text, p{  
    color:#757E8F  
}
```

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 #757E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757E8F
}
```

## Border

The CSS property to change the border of an element to Hex 757E8F 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
#757E8F }
```

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

```
.border{ border-color:#757E8F }
```

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

Here you see how a box with a 4 pixel #757E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757E8F; -webkit-box-shadow:4px 4px  
4px 4px #757E8F; box-shadow:4px 4px 4px  
4px #757E8F }
```

# Background

The CSS property to change the background color of an element to Hex 757E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757E8F }
```

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

```
.background{ background-color:#757E8F }
```

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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