

# Converting Colors

Hex(7A768C)

Have a look what the booklet for  
Hex(7A768C) contains.

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# Color

Hex(7A768C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A768C
RGB	122, 118, 140
RGB Percent	48%, 46%, 55%
CMY	0.5216, 0.5373, 0.4510
CMYK	0.13, 0.16, 0.00, 0.45
HSL	251°, 9%, 51%
HSV	251°, 16%, 55%
XYZ	19.2381, 18.9879, 27.4620
YIQ	121.7040, -4.6780, 7.6900

# Conversions

## Conversions Part 2

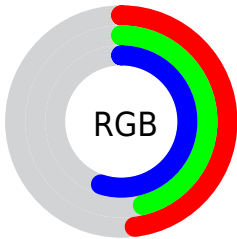
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 118, 140
Decimal	8025740
CIE Lab	50.67, 6.19, -11.41
CIE LCh	51, 12.979, 298.465
Yxy	18.9879, 0.2929, 0.2891
Android (android.graphics.Color)	4286215820 (0xFF7A768C)
YUV	121.7040, 9.0199, 0.2596
Hunter-Lab	43.5751, 2.5501, -6.8633

# Details

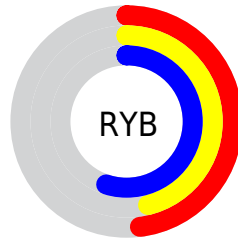
The Hex color **7A768C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **888C76**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AFAAC2**, and **49465A** is the 20% darker color. If you saturate the color by 10%, you get **6F688C**, and if you desaturate by 10%, it is **85848C**.

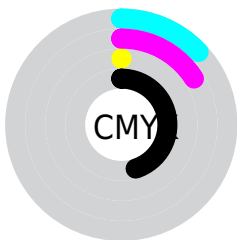
# Distribution



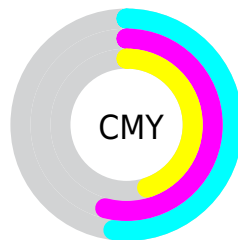
- Red (48%)
- Green (46%)
- Blue (55%)



- Red (48%)
- Yellow (46%)
- Blue (55%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (52%)
- Magenta (54%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A768C 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 7A768C by changing the saturation by 10% instead.



■ 7A768C

■ 7A768C

FFFFFF

■ 615D72

■ AFAAC2

■ 49465A

■ CAC5DD

■ 322F42

■ E6E1FA

■ 1D1B2C

FFFEFF

■ 050018

■ 000000

■ 7A768C

■ 7A768C

■ 6F688C

■ 85848C

■ 635A8C

■ 91928C

■ 584C8C

■ 9CA08C

■ 4C3E8C

■ A8AE8C

■ 41308C

■ B3BC8C

■ 35228C

■ BFCA8C

■ 2A148C

■ CAD88C

■ 1E068C

■ D6E68C

■ 19008C

■ E1F48C

# Harmonies

## Analogous

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



6C7A8E



7A768C



877384

# Triad

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



7A768C



8B7466



5F7F78

# Complementary

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



7A768C



888C76

# 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.



697E6D



7A768C



827863

# Square

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



7A768C



90726F



767B65



5B7F83

# Rectangle

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



7A768C



8C717D



767B65



627F74



# Sweetspot

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



7A768C



AEACB5



76888C



57565C



DBDBDB



5C5C5C



# Same Dimension

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



7A768C



9993B5



85768C



3F3E45



180085



010005



# Inverse Universe

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



8C7688



B593AF



7D8C76



453E44



85006C



050004



# Previews

## White Background



This preview shows how the Hex color 7A768C looks on a white background.

## Color Contrast Check

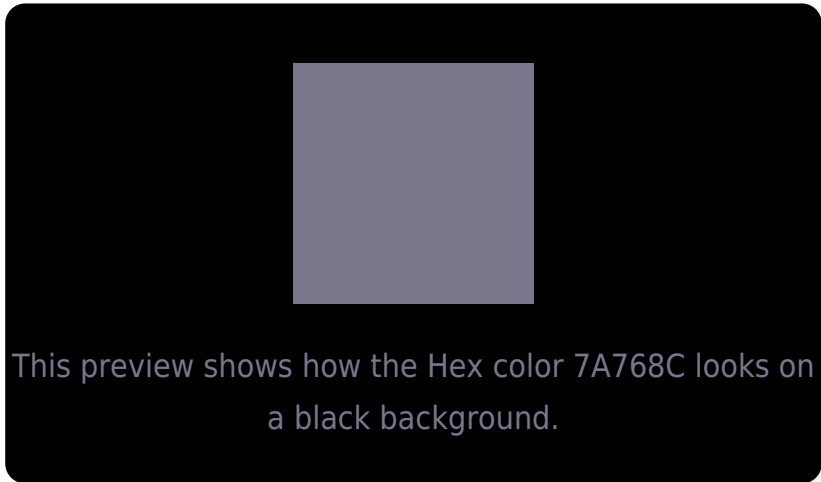
Large Text (above 18pt) WCAG AA ✓ Pass

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

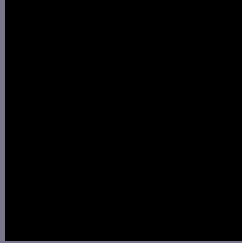
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

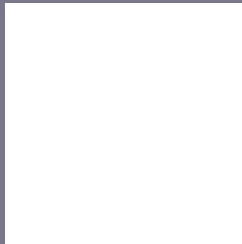
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A768C Background



This preview shows how black text looks on a background with the Hex color 7A768C.



This preview shows how white text looks on a background with the Hex color 7A768C.

# 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**

7A768C

**Protanopia**

75788D

**Deuteranopia**

7B768C



**Tritanopia**  
787881

# Trichromacy



**Original Color**

7A768C

**Protanomaly**

77778D

**Deuteranomaly**

7B768C

**Tritanomaly**

797785

# Monochromacy



**Original Color**

7A768C

**Achromatopsia**

7A7A7A

**Achromatomaly**

7A7981

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A768C 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 #7A768C looks like.

```
.text, #text, p{  
    color:#7A768C  
}
```

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 #7A768C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A768C
}
```

## Border

The CSS property to change the border of an element to Hex 7A768C is called "border". The border property can be set on classes, ids or directly on the HTML element.

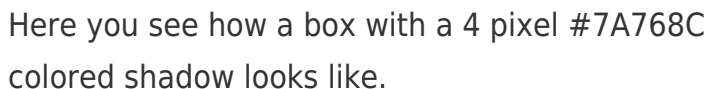
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A768C }
```

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

```
.border{ border-color:#7A768C }
```

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



Here you see how a box with a 4 pixel #7A768C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A768C; -webkit-box-shadow:4px 4px  
4px 4px #7A768C; box-shadow:4px 4px 4px  
4px #7A768C }
```

# Background

The CSS property to change the background color of an element to Hex 7A768C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A768C }
```

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

```
.background{ background-color:#7A768C }
```

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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