

# Converting Colors

Hex(74868C)

Have a look what the booklet for  
Hex(74868C) contains.

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# Color

Hex(74868C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74868C
RGB	116, 134, 140
RGB Percent	45%, 53%, 55%
CMY	0.5451, 0.4745, 0.4510
CMYK	0.17, 0.04, 0.00, 0.45
HSL	195°, 9%, 50%
HSV	195°, 17%, 55%
XYZ	20.4612, 22.6566, 28.1057
YIQ	129.3020, -12.6540, -1.9500

# Conversions

## Conversions Part 2

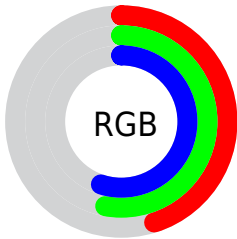
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 126, 140
Decimal	7636620
CIE <sub>Lab</sub>	54.72, -5.15, -5.42
CIE <sub>LCh</sub>	55, 7.475, 226.445
Yxy	22.6566, 0.2873, 0.3181
Android (android.graphics.Color)	4285826700 (0xFF74868C)
YUV	129.3020, 5.2741, -11.6659
Hunter-Lab	47.5990, -6.5672, -1.6896

# Details

The Hex color **74868C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8C7A74**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A8BBC2**, and **43545A** is the 20% darker color. If you saturate the color by 10%, you get **66838C**, and if you desaturate by 10%, it is **828A8C**.

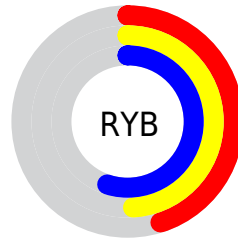
# Distribution



Red (45%)

Green (53%)

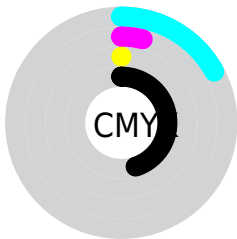
Blue (55%)



Red (45%)

Yellow (49%)

Blue (55%)

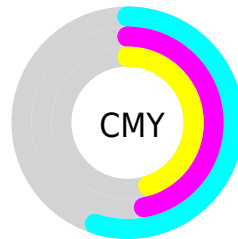


Cyan (17%)

Magenta (4%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (47%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74868C 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 74868C by changing the saturation by 10% instead.



■ 74868C

■ 74868C

FFFFFF

■ 5B6D73

■ A8BBC2

■ 43545A

■ C4D7DD

■ 2D3D43

■ E0F3FA

■ 17282C

■ FCFFFF

■ 001318

■ 000000

■ 74868C

■ 74868C

■ 66838C

■ 828A8C

■ 587F8C

■ 908D8C

4A7C8C

9E918C

3C788C

AC948C

2E758C

BA988C

20718C

C89B8C

126E8C

D69F8C

046A8C

E4A28C

00698C

F2A68C

# Harmonies

## Analogous

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



738786



74868C



79848F

# Triad

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



74868C



8E7F86



848477

# Complementary

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



74868C



8C7A74

# 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.



8B8177



74868C



917F80

# Square

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



74868C



89808C



90807A



7D857A

# Rectangle

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



74868C



7E8390



90807A



878376



# Sweetspot

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



74868C



ACB3B5



748C7A



565A5C



DBDBDB



5C5C5C



# Same Dimension

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



74868C



8FACB5



747A8C



3E4345



006385



000405



# Inverse Universe

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



8C7486



B58FAC



8C8674



453E43



850063



050004



# Previews

## White Background



This preview shows how the Hex color 74868C 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

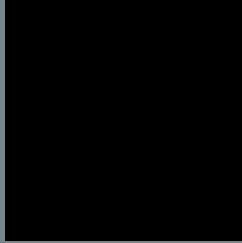
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

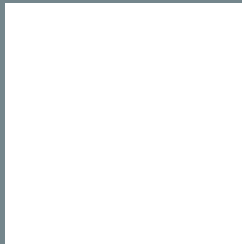
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74868C Background



This preview shows how black text looks on a background with the Hex color 74868C.

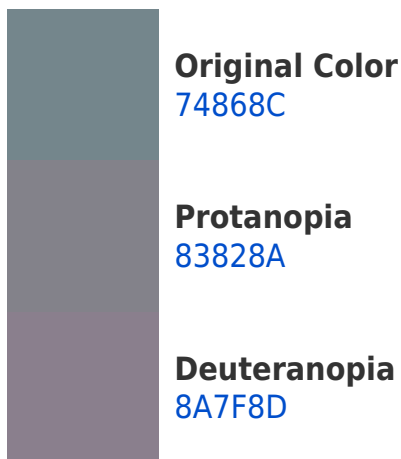


This preview shows how white text looks on a background with the Hex color 74868C.

# 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](#).

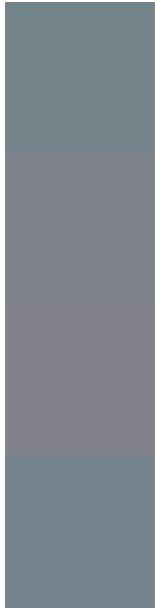
## Dichromacy





**Tritanopia**  
758590

# Trichromacy



**Original Color**  
74868C

**Protanomaly**  
7E838B

**Deuteranomaly**  
82828D

**Tritanomaly**  
75858F

# Monochromacy



**Original Color**  
74868C

**Achromatopsia**  
818181

**Achromatomaly**  
7C8385

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74868C 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 #74868C looks like.

```
.text, #text, p{  
    color:#74868C  
}
```

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 #74868C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74868C
}
```

## Border

The CSS property to change the border of an element to Hex 74868C 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
#74868C }
```

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

```
.border{ border-color:#74868C }
```

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

Here you see how a box with a 4 pixel #74868C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74868C; -webkit-box-shadow:4px 4px  
4px 4px #74868C; box-shadow:4px 4px 4px  
4px #74868C }
```

# Background

The CSS property to change the background color of an element to Hex 74868C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74868C }
```

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

```
.background{ background-color:#74868C }
```

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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