

# Converting Colors

Hex(76848B)

Have a look what the booklet for  
Hex(76848B) contains.

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# Color

Hex(76848B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76848B
RGB	118, 132, 139
RGB Percent	46%, 52%, 55%
CMY	0.5373, 0.4824, 0.4549
CMYK	0.15, 0.05, 0.00, 0.45
HSL	200°, 8%, 50%
HSV	200°, 15%, 55%
XYZ	20.3827, 22.2182, 27.6403
YIQ	128.6120, -10.5910, -0.7910

# Conversions

## Conversions Part 2

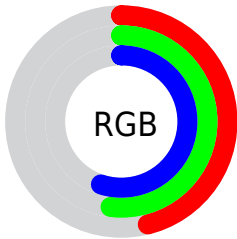
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 126, 139
Decimal	7767179
CIE <sub>Lab</sub>	54.26, -3.56, -5.50
CIE <sub>LCh</sub>	54, 6.551, 237.133
Yxy	22.2182, 0.2902, 0.3163
Android (android.graphics.Color)	4285957259 (0xFF76848B)
YUV	128.6120, 5.1213, -9.3067
Hunter-Lab	47.1361, -5.3010, -1.7720

# Details

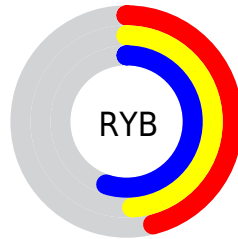
The Hex color **76848B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B7D76**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AAB9C0**, and **455359** is the 20% darker color. If you saturate the color by 10%, you get **687F8B**, and if you desaturate by 10%, it is **84898B**.

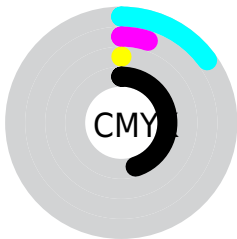
# Distribution



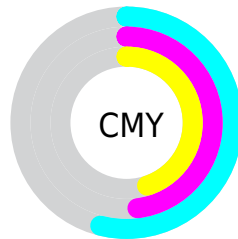
- Red (46%)
- Green (52%)
- Blue (55%)



- Red (46%)
- Yellow (49%)
- Blue (55%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (54%)
- Magenta (48%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76848B 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 76848B by changing the saturation by 10% instead.





76848B



76848B

FFFFFF



5D6B72



AAB9C0



455359



C6D5DC



2F3C42



E2F1F9



19262C

FEFFFF



001117



000000



76848B



76848B



687F8B



84898B



5A7B8B



928D8B

■ 4C768B

■ A0928B

■ 3E718B

■ AE978B

■ 316D8B

■ BB9B8B

■ 23688B

■ C9A08B

■ 15648B

■ D7A48B

■ 075F8B

■ E5A98B

■ 005D8B

■ F3AE8B

# Harmonies

## Analogous

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



748587



76848B



7B828D

# Triad

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



76848B



8D7E82



818378

# Complementary

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



76848B



8B7D76

# 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.



878177



76848B



8E7E7D

# Square

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



76848B



897F88



8C7F78



7A847B

# Rectangle

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



76848B



80818C



8C7F78



838277



# Sweetspot

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



76848B



ACB2B5



768B7D



565A5C



DBDBDB



5C5C5C



# Same Dimension

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



76848B



94AAB5



767A8B



3E4345



005885



000305



# Inverse Universe

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



8B7684



B594AA



8B8776



453E43



850058



050003



# Previews

## White Background



This preview shows how the Hex color 76848B looks on a white background.

## Color Contrast Check

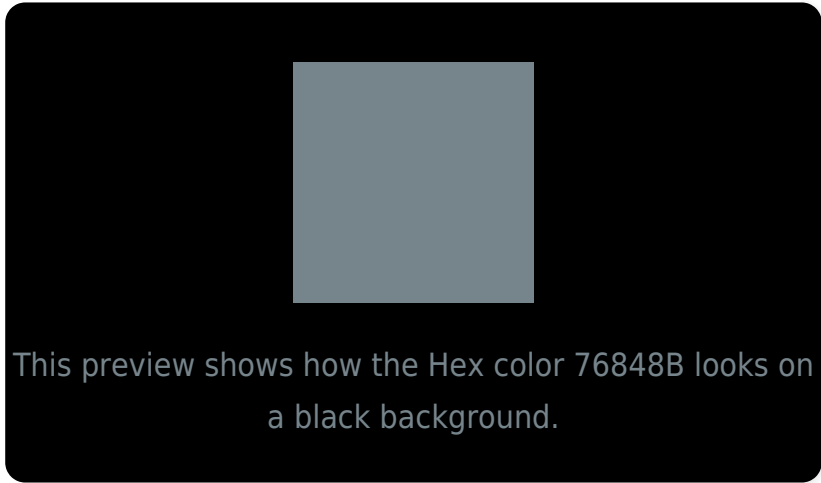
Large Text (above 18pt) WCAG AA ✓ Pass

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

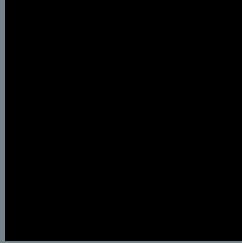
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

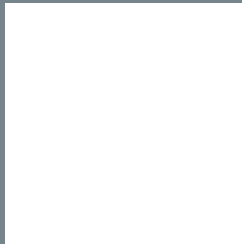
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76848B Background



This preview shows how black text looks on a background with the Hex color 76848B.



This preview shows how white text looks on a background with the Hex color 76848B.

# 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**  
76848B

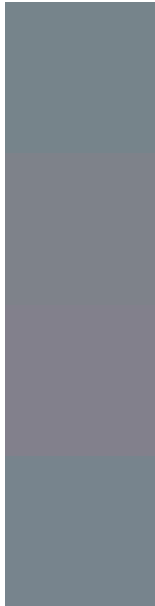
**Protanopia**  
828189

**Deuteranopia**  
897E8C



**Tritanopia**  
77848E

# Trichromacy



**Original Color**

76848B

**Protanomaly**

7E828A

**Deuteranomaly**

82808C

**Tritanomaly**

77848D

# Monochromacy



**Original Color**

76848B

**Achromatopsia**

818181

**Achromatomaly**

7D8285

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76848B 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 #76848B looks like.

```
.text, #text, p{  
    color:#76848B  
}
```

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 #76848B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76848B
}
```

## Border

The CSS property to change the border of an element to Hex 76848B 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
#76848B }
```

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

```
.border{ border-color:#76848B }
```

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

Here you see how a box with a 4 pixel #76848B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76848B; -webkit-box-shadow:4px 4px  
4px 4px #76848B; box-shadow:4px 4px 4px  
4px #76848B }
```

# Background

The CSS property to change the background color of an element to Hex 76848B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76848B }
```

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

```
.background{ background-color:#76848B }
```

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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