

# Converting Colors

Hex(768E8B)

Have a look what the booklet for  
Hex(768E8B) contains.

|  |    |
|--|----|
| <b>Hex(768E8B)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(768E8B)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 768E8B                      |
| RGB           | 118, 142, 139               |
| RGB Percent   | 46%, 56%, 55%               |
| CMY           | 0.5373, 0.4431, 0.4549      |
| CMYK          | 0.17, 0.00, 0.02, 0.44      |
| HSL           | 172°, 10%, 51%              |
| HSV           | 172°, 17%, 56%              |
| XYZ           | 21.8044, 25.0616, 28.1143   |
| YIQ           | 134.4820, -13.3410, -6.0210 |

# Conversions

## Conversions Part 2

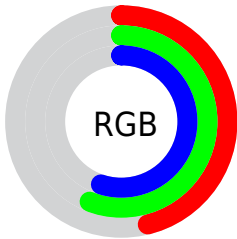
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 118, 131, 142                 |
| Decimal                             | 7769739                       |
| CIELab                              | 57.14, -9.16, -1.26           |
| CIElCh                              | 57, 9.243, 187.837            |
| Yxy                                 | 25.0616, 0.2908,<br>0.3342    |
| Android<br>(android.graphics.Color) | 4285959819<br>(0xFF768E8B)    |
| YUV                                 | 134.4820, 2.2274,<br>-14.4547 |
| Hunter-Lab                          | 50.0616, -9.8618,<br>1.7462   |

# Details

The Hex color **768E8B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E7679**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **AAC4C0**, and **455C59** is the 20% darker color. If you saturate the color by 10%, you get **688E89**, and if you desaturate by 10%, it is **848E8D**.

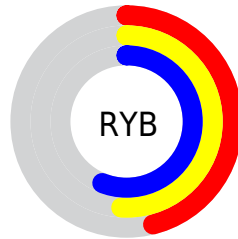
# Distribution



Red (46%)

Green (56%)

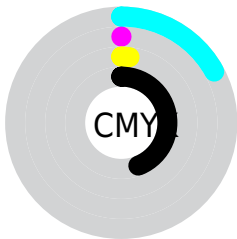
Blue (55%)



Red (46%)

Yellow (51%)

Blue (56%)

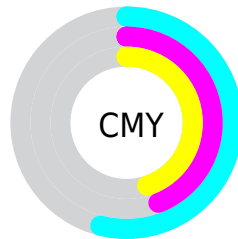


Cyan (17%)

Magenta (0%)

Yellow (2%)

Black (44%)



Cyan (54%)

Magenta (44%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 768E8B 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 768E8B by changing the saturation by 10% instead.





768E8B



768E8B

FFFFFF



5D7472



AAC4C0



455C59



C6E0DC



2E4442



E2FCF9



192E2C



011A17



000000



768E8B



768E8B



688E89



848E8D



5A8E87



928E8F

4B8E86

A18E90

3D8E84

AF8E92

2F8E82

BD8E94

218E80

CB8E96

138E7F

D98E97

048E7D

E88E99

008E7C

F68E9B

# Harmonies

## Analogous

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



7C8D83



768E8B



758D93

# Triad

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



768E8B



8D8696



95877A

# Complementary

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



768E8B



8E7679

# 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.



9A8580



768E8B



96848F

# Square

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



768E8B



838999



9A8487



8E8979

# Rectangle

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



768E8B



788C96



9A8487



97867C



# Sweetspot

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



768E8B



AEB8B6



798E76



565C5B



DBDBDB



5C5C5C



# Same Dimension

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



768E8B



93B8B3



76858E



404747



008776



000807



# Inverse Universe

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



8E7679



B89397



8E7F76



474041



870011



080001



# Previews

## White Background



This preview shows how the Hex color 768E8B looks on a white background.

## Color Contrast Check

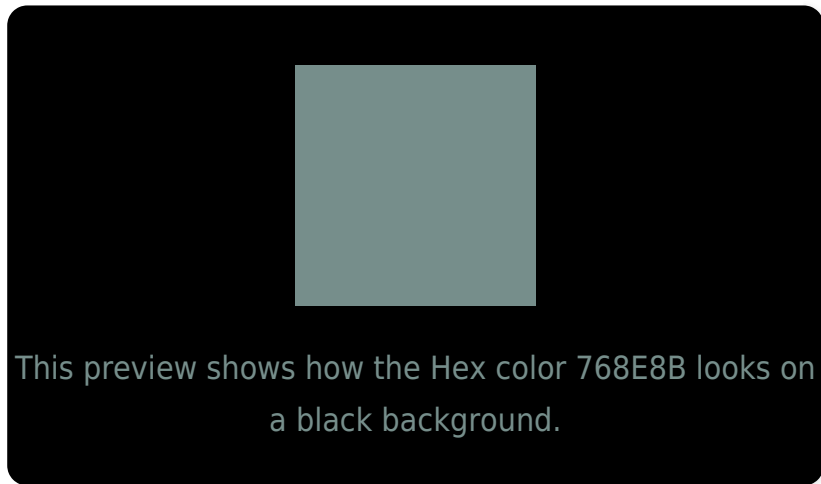
Large Text (above 18pt) WCAG AA ✓ Pass

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

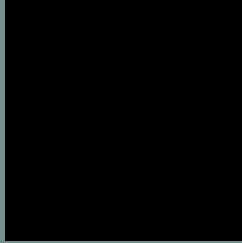
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

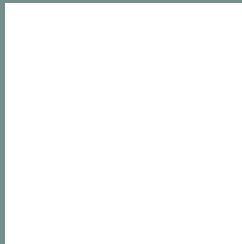
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 768E8B Background



This preview shows how black text looks on a background with the Hex color 768E8B.

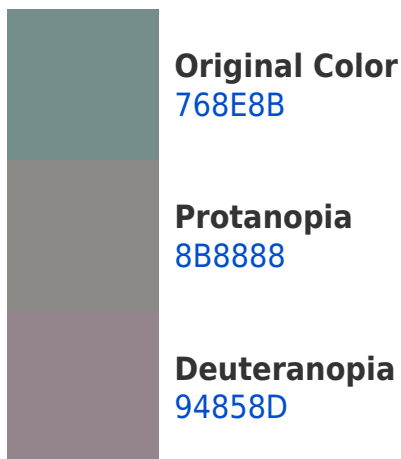


This preview shows how white text looks on a background with the Hex color 768E8B.

# 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](#).

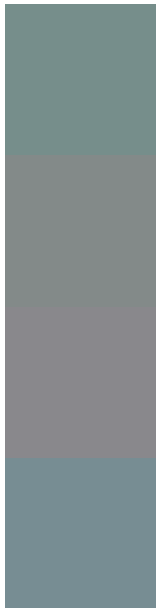
## Dichromacy





**Tritanopia**  
788C97

# Trichromacy



**Original Color**  
768E8B

**Protanomaly**  
838A89

**Deuteranomaly**  
89888C

**Tritanomaly**  
778D93

# Monochromacy



**Original Color**  
768E8B

**Achromatopsia**  
868686

**Achromatomaly**  
808988

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 768E8B 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 #768E8B looks like.

```
.text, #text, p{  
    color:#768E8B  
}
```

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 #768E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768E8B
}
```

## Border

The CSS property to change the border of an element to Hex 768E8B 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
#768E8B }
```

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

```
.border{ border-color:#768E8B }
```

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

Here you see how a box with a 4 pixel #768E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768E8B; -webkit-box-shadow:4px 4px  
4px 4px #768E8B; box-shadow:4px 4px 4px  
4px #768E8B }
```

# Background

The CSS property to change the background color of an element to Hex 768E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768E8B }
```

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

```
.background{ background-color:#768E8B }
```

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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