

# Converting Colors

Hex(769688)

Have a look what the booklet for  
Hex(769688) contains.

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# Color

**Hex(769688)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	769688
RGB	118, 150, 136
RGB Percent	46%, 59%, 53%
CMY	0.5373, 0.4118, 0.4667
CMYK	0.21, 0.00, 0.09, 0.41
HSL	154°, 13%, 53%
HSV	154°, 21%, 59%
XYZ	22.8215, 27.4418, 27.3865
YIQ	138.8360, -14.5780, -11.1380

# Conversions

## Conversions Part 2

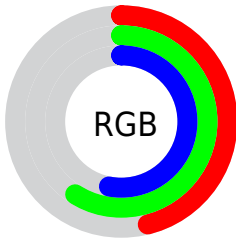
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 138, 150
Decimal	7771784
CIELab	59.38, -14.15, 3.72
CIELCh	59, 14.630, 165.269
Yxy	27.4418, 0.2939, 0.3534
Android (android.graphics.Color)	4285961864 (0xFF769688)
YUV	138.8360, -1.3981, -18.2732
Hunter-Lab	52.3849, -13.9101, 5.6730

# Details

The Hex color **769688** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **967684**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **ABCCBD**, and **456356** is the 20% darker color. If you saturate the color by 10%, you get **679681**, and if you desaturate by 10%, it is **85968F**.

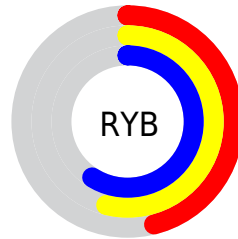
# Distribution



Red (46%)

Green (59%)

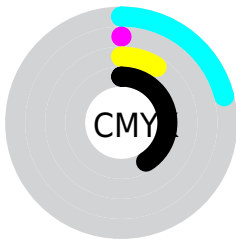
Blue (53%)



Red (46%)

Yellow (54%)

Blue (59%)

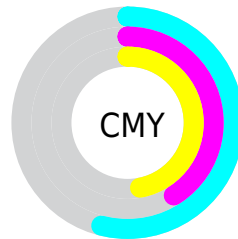


Cyan (21%)

Magenta (0%)

Yellow (9%)

Black (41%)



Cyan (54%)

Magenta (41%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769688 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 769688 by changing the saturation by 10% instead.



 769688

 769688

FFFFFF

 5D7C6F

 ABCCBD

 456356

 C6E8D9

 2E4B3F

 E2FFF5

 183429

 011F15

 000000

 769688

 769688

 679681

 85968F

 58967B

 949695

499674

A3969C

3A966E

B296A2

2B9667

C196A9

1C9661

D096AF

0D965A

DF96B6

009654

EE96BD

FD96C3

# Harmonies

## Analogous

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



83947D



769688



6E9695

# Triad

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



769688



898EA8



A8887D

# Complementary

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



769688



967684

# 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.



AA8689



769688



998AA1

# Square

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



769688



7992A7



A58796



9F8C76

# Rectangle

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



769688



6D969D



A58796



A98781



# Sweetspot

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



769688



B6C2BD



849676



5A615E



E0E0E0



616161



# Same Dimension

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



769688



8FC2AC



769496



434A47



008A4D



000A06



# Inverse Universe

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



967684



C28FA5



967876



4A4346



8A003C



0A0004



# Previews

## White Background



This preview shows how the Hex color 769688 looks on a white background.

## Color Contrast Check

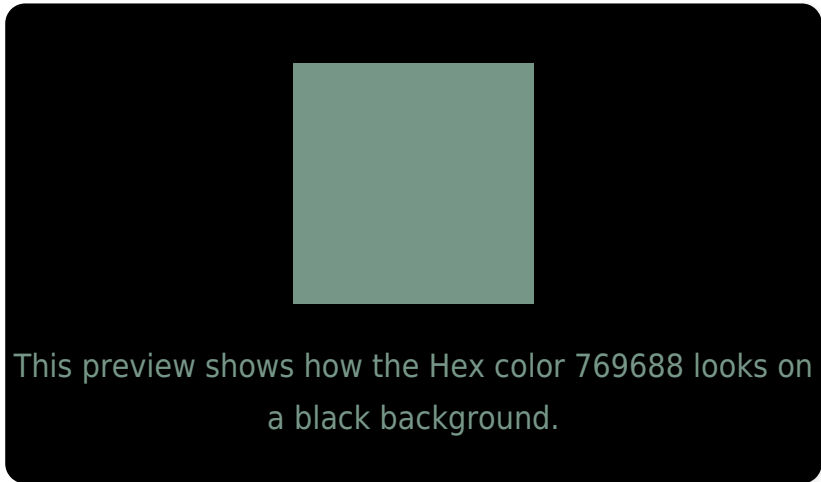
Large Text (above 18pt) WCAG AA ✓ Pass

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

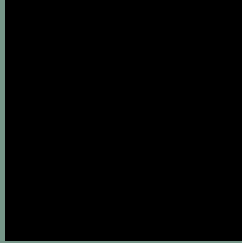
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

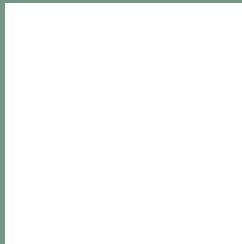
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 769688 Background



This preview shows how black text looks on a background with the Hex color 769688.

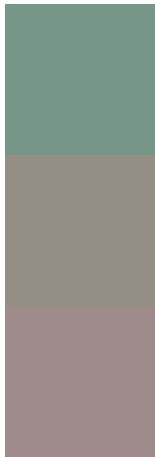


This preview shows how white text looks on a background with the Hex color 769688.

# 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**  
769688

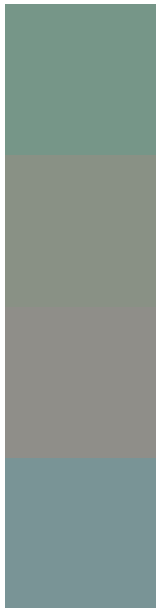
**Protanopia**  
948E84

**Deuteranopia**  
9E8A8A



**Tritanopia**  
7A939E

# Trichromacy



**Original Color**  
769688

**Protanomaly**  
899185

**Deuteranomaly**  
8F8E89

**Tritanomaly**  
799496

# Monochromacy



**Original Color**  
769688

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
838F8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769688 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 #769688 looks like.

```
.text, #text, p{  
    color:#769688  
}
```

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 #769688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769688
}
```

## Border

The CSS property to change the border of an element to Hex 769688 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
#769688 }
```

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

```
.border{ border-color:#769688 }
```

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

Here you see how a box with a 4 pixel #769688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769688; -webkit-box-shadow:4px 4px  
4px 4px #769688; box-shadow:4px 4px 4px  
4px #769688 }
```

# Background

The CSS property to change the background color of an element to Hex 769688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769688 }
```

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

```
.background{ background-color:#769688 }
```

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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