

# Converting Colors

Hex(769099)

Have a look what the booklet for  
Hex(769099) contains.

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# Color

**Hex(769099)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	769099
RGB	118, 144, 153
RGB Percent	46%, 56%, 60%
CMY	0.5373, 0.4353, 0.4000
CMYK	0.23, 0.06, 0.00, 0.40
HSL	195°, 15%, 53%
HSV	195°, 23%, 60%
XYZ	23.1942, 26.0980, 33.9519
YIQ	137.2520, -18.3850, -2.7130

# Conversions

## Conversions Part 2

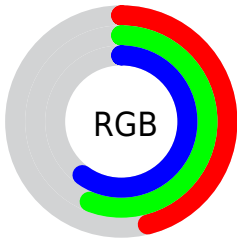
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 133, 153
Decimal	7770265
CIE Lab	58.13, -7.07, -7.81
CIE LCh	58, 10.538, 227.842
Yxy	26.0980, 0.2786, 0.3135
Android (android.graphics.Color)	4285960345 (0xFF769099)
YUV	137.2520, 7.7638, -16.8840
Hunter-Lab	51.0862, -8.3579, -3.6439

# Details

The Hex color `769099` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `997F76`, and the grayscale version is `898989`.

A 20% lighter version of the original color is `ABC6CF`, and `455E66` is the 20% darker color. If you saturate the color by 10%, you get `678C99`, and if you desaturate by 10%, it is `859499`.

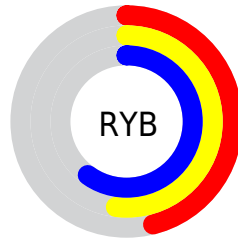
# Distribution



Red (46%)

Green (56%)

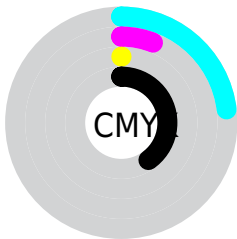
Blue (60%)



Red (46%)

Yellow (52%)

Blue (60%)

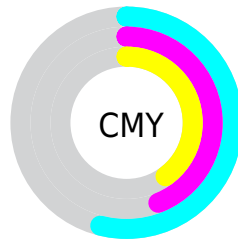


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (44%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769099 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 769099 by changing the saturation by 10% instead.



■ 769099

■ 769099

FFFFFF

■ 5D767F

■ ABC6CF

■ 455E66

■ C6E2EC

■ 2D464E

■ E2FEFF

■ 173037

■ 001B22

■ 00000B

■ 000000

■ 769099

■ 769099

■ 678C99

■ 859499

578899

959899

488499

A49C99

398099

B3A099

2A7C99

C3A499

1A7899

D2A899

0B7499

E1AC99

007299

F0AF99

FFB399

# Harmonies

## Analogous

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



759191



769099



7E8E9D

# Triad

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



769099



9C8690



8D8D7A

# Complementary

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



769099



997F76

# 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.



978A7A



769099



A08686

# Square

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



769099



948898



9E877E



838F7F

# Rectangle

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



769099



858C9E



9E877E



918C7A



# Sweetspot

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



769099



B9C3C7



76997F



5B6163



E3E3E3



636363



# Same Dimension

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



769099



91B9C7



767F99



454B4D



00688C



00090D



# Inverse Universe

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



997690



C791B9



999076



4D454B



8C0068



0D0009



# Previews

## White Background



This preview shows how the Hex color 769099 looks on a white background.

## Color Contrast Check

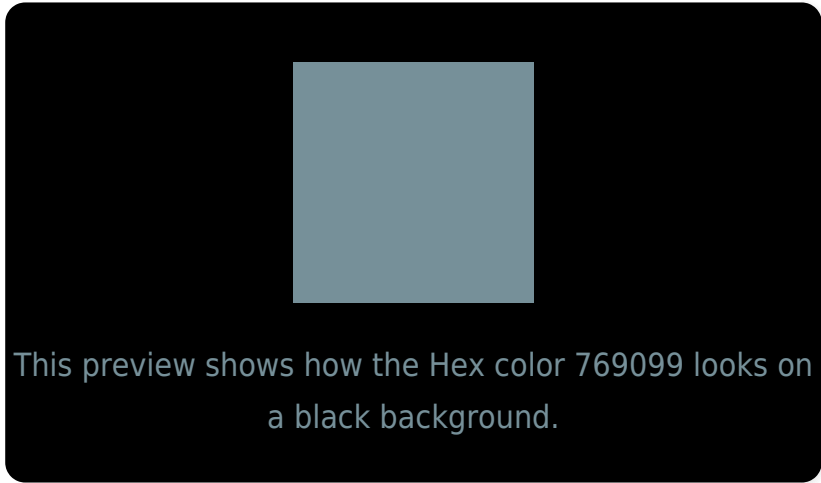
Large Text (above 18pt) WCAG AA ✓ Pass

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

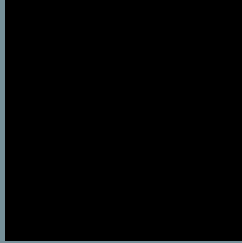
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

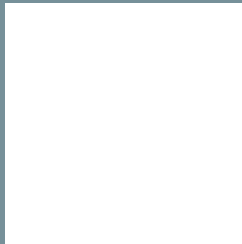
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 769099 Background



This preview shows how black text looks on a background with the Hex color 769099.

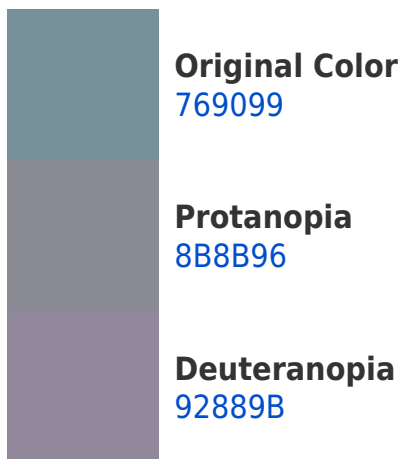


This preview shows how white text looks on a background with the Hex color 769099.

# 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**  
76909B

# Trichromacy



**Original Color**  
769099

**Protanomaly**  
838D97

**Deuteranomaly**  
888B9A

**Tritanomaly**  
76909A

# Monochromacy



**Original Color**  
769099

**Achromatopsia**  
898989

**Achromatomaly**  
828C8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769099 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 #769099 looks like.

```
.text, #text, p{  
    color:#769099  
}
```

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 #769099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769099
}
```

## Border

The CSS property to change the border of an element to Hex 769099 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
#769099 }
```

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

```
.border{ border-color:#769099 }
```

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

Here you see how a box with a 4 pixel #769099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769099; -webkit-box-shadow:4px 4px  
4px 4px #769099; box-shadow:4px 4px 4px  
4px #769099 }
```

# Background

The CSS property to change the background color of an element to Hex 769099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769099 }
```

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

```
.background{ background-color:#769099 }
```

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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