

# Converting Colors

Hex(769A96)

Have a look what the booklet for  
Hex(769A96) contains.

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**Color**

**Hex(769A96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	769A96
RGB	118, 154, 150
RGB Percent	46%, 60%, 59%
CMY	0.5373, 0.3961, 0.4118
CMYK	0.23, 0.00, 0.03, 0.40
HSL	173°, 15%, 53%
HSV	173°, 23%, 60%
XYZ	24.5318, 29.1648, 33.1906
YIQ	142.7800, -20.1720, -8.8760

# Conversions

## Conversions Part 2

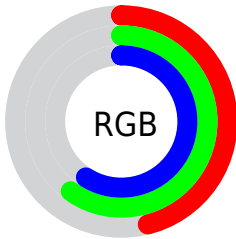
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 137, 154
Decimal	7772822
CIELab	60.93, -13.23, -1.97
CIElCh	61, 13.380, 188.461
Yxy	29.1648, 0.2823, 0.3357
Android (android.graphics.Color)	4285962902 (0xFF769A96)
YUV	142.7800, 3.5595, -21.7321
Hunter-Lab	54.0044, -13.4230, 1.3641

# Details

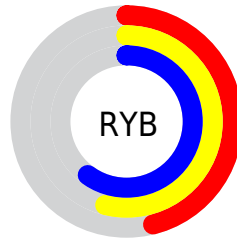
The Hex color **769A96** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A767A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **ABD0CC**, and **446763** is the 20% darker color. If you saturate the color by 10%, you get **679A94**, and if you desaturate by 10%, it is **859A98**.

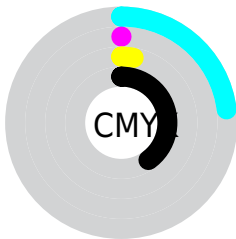
# Distribution



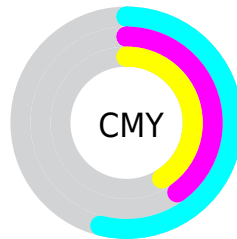
- Red (46%)
- Green (60%)
- Blue (59%)



- Red (46%)
- Yellow (54%)
- Blue (60%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (54%)
- Magenta (40%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769A96 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 769A96 by changing the saturation by 10% instead.



 769A96

 769A96

FFFFFF

 5D807C

 ABD0CC

 446763

 C6EDE8

 2D4F4B

 E3FFFF

 163835

 002220

 000708

 000000

 769A96

 769A96

 679A94

 859A98

579A93

959A99

489A91

A49A9B

389A8F

B49A9D

299A8D

C39A9F

1A9A8C

D29AA0

0A9A8A

E29AA2

009A89

F19AA4

FF9AA5

# Harmonies

## Analogous

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



7F998A



769A96



7599A1

# Triad

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



769A96



998FA5



A48F7D

# Complementary

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



769A96



9A767A

# 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.



AB8C85



769A96



A58C9C

# Square

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



769A96



8A93AA



AC8B90



99937C

# Rectangle

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



769A96



7998A7



AC8B90



A78E7F



# Sweetspot

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



769A96



BBC9C8



7A9A76



5E6665



E6E6E6



666666



# Same Dimension

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



769A96



91C9C3



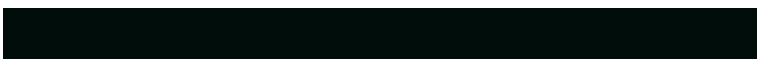
768C9A



454D4C



008C7D



000D0B



# Inverse Universe

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



9A767A



C99197



9A8476



4D4546



8C0010



0D0001



# Previews

## White Background



This preview shows how the Hex color 769A96 looks on a white background.

## Color Contrast Check

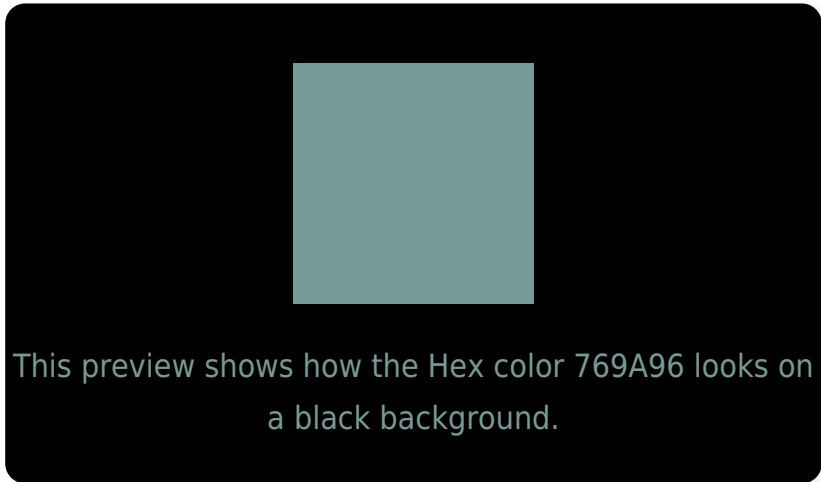
Large Text (above 18pt) WCAG AA ✓ Pass

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

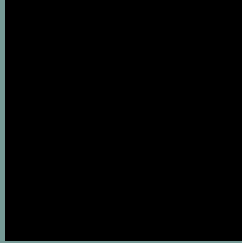
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 769A96 Background



This preview shows how black text looks on a background with the Hex color 769A96.

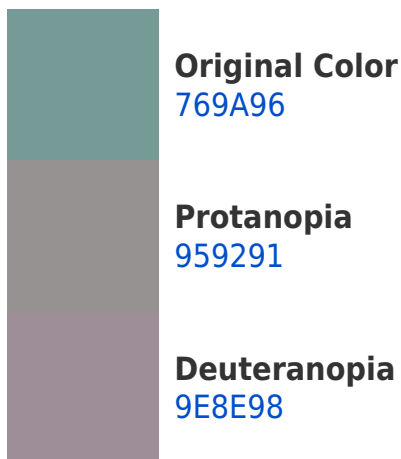


This preview shows how white text looks on a background with the Hex color 769A96.

# 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**  
7998A4

# Trichromacy



**Original Color**  
769A96

**Protanomaly**  
8A9593

**Deuteranomaly**  
8F9297

**Tritanomaly**  
78999F

# Monochromacy



**Original Color**  
769A96

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
869392

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769A96 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 #769A96 looks like.

```
.text, #text, p{  
    color:#769A96  
}
```

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 #769A96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769A96
}
```

## Border

The CSS property to change the border of an element to Hex 769A96 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
#769A96 }
```

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

```
.border{ border-color:#769A96 }
```

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

Here you see how a box with a 4 pixel #769A96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769A96; -webkit-box-shadow:4px 4px  
4px 4px #769A96; box-shadow:4px 4px 4px  
4px #769A96 }
```

# Background

The CSS property to change the background color of an element to Hex 769A96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769A96 }
```

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

```
.background{ background-color:#769A96 }
```

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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