

Converting Colors

Hex(769696)

Have a look what the booklet for
Hex(769696) contains.

| | |
|--|----|
| Hex(769696) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(769696)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 769696 |
| RGB | 118, 150, 150 |
| RGB Percent | 46%, 59%, 59% |
| CMY | 0.5373, 0.4118, 0.4118 |
| CMYK | 0.21, 0.00, 0.00, 0.41 |
| HSL | 180°, 13%, 53% |
| HSV | 180°, 21%, 59% |
| XYZ | 23.8826, 27.8663, 32.9741 |
| YIQ | 140.4320, -19.0720, -6.7840 |

Conversions

Conversions Part 2

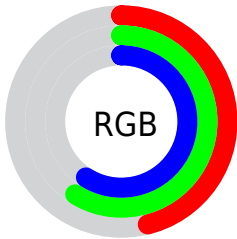
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 118, 134, 150 |
| Decimal | 7771798 |
| CIELab | 59.77, -11.07, -3.67 |
| CIELCh | 60, 11.665, 198.357 |
| Yxy | 27.8663, 0.2819, 0.3289 |
| Android (android.graphics.Color) | 4285961878 (0xFF769696) |
| YUV | 140.4320, 4.7170, -19.6729 |
| Hunter-Lab | 52.7885, -11.6229, -0.0833 |

Details

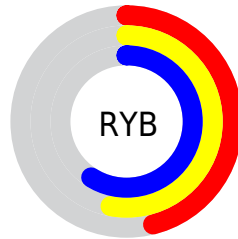
The Hex color **769696** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **967676**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ABCCCC**, and **456363** is the 20% darker color. If you saturate the color by 10%, you get **679696**, and if you desaturate by 10%, it is **859696**.

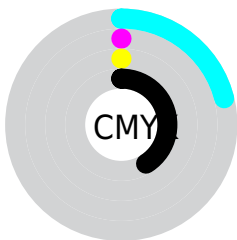
Distribution



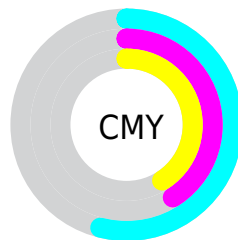
- Red (46%)
- Green (59%)
- Blue (59%)



- Red (46%)
- Yellow (53%)
- Blue (59%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 769696 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 769696 by changing the saturation by 10% instead.

 769696

 769696

FFFFFF

 5D7C7C

 ABCCCC

 456363

 C6E8E8

 2D4B4B

 E3FFFF

 163535

 001F20

 000008

 000000

 769696

 769696

 679696

 859696

589696

949696

499696

A39696

3A9696

B29696

2B9696

C19696

1C9696

D09696

0D9696

DF9696

009696

EE9696

FD9696

Harmonies

Analogous

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



7B968B



769696



78959F

Triad

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



769696



998B9E



9C8E7C

Complementary

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



769696



967676

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.



A48B81



769696



A28994

Square

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



769696



8D8FA3



A6898A



92917C

Rectangle

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



769696



7D93A3



A6898A



9F8D7D

Sweetspot

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



769696



B6C2C2



769676



5A6161



E0E0E0



616161

Same Dimension

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



769696



8FC2C2



768696



434A4A



008A8A



000A0A

Inverse Universe

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



967696



C28FC2



968676



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 769696 looks on a white background.

Color Contrast Check

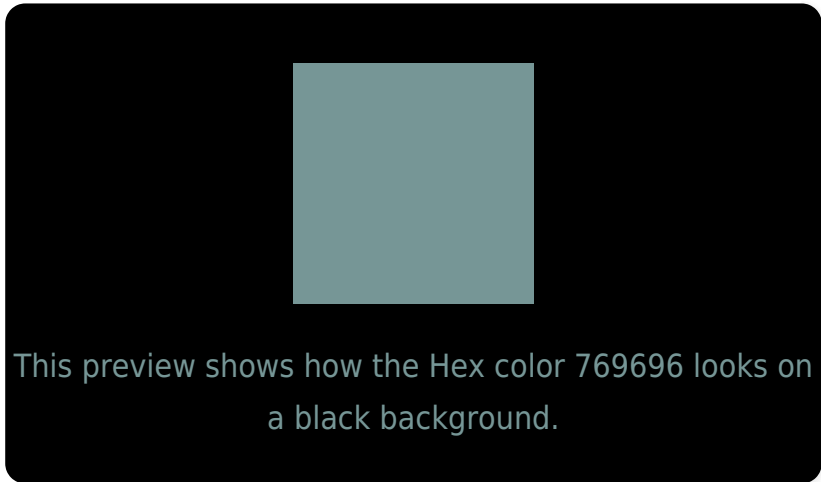
Large Text (above 18pt) WCAG AA ✓ Pass

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

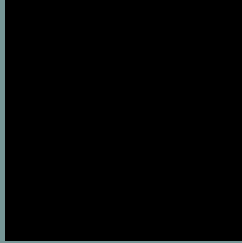
Any Text WCAG AA ✓ Pass

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 769696 Background



This preview shows how black text looks on a background with the Hex color 769696.

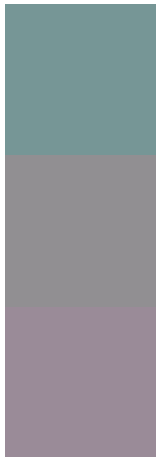


This preview shows how white text looks on a background with the Hex color 769696.

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
769696

Protanopia
918F92

Deuteranopia
9A8B98



Tritanopia
7894A0

Trichromacy



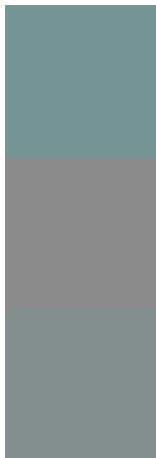
Original Color
769696

Protanomaly
879293

Deuteranomaly
8D8F97

Tritanomaly
77959C

Monochromacy



Original Color
769696

Achromatopsia
8C8C8C

Achromatomaly
849090

CSS Examples

Text

The CSS property to change the color of the text to Hex 769696 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 #769696 looks like.

```
.text, #text, p{  
    color:#769696  
}
```

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 #769696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769696
}
```

Border

The CSS property to change the border of an element to Hex 769696 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
#769696 }
```

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

```
.border{ border-color:#769696 }
```

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

Here you see how a box with a 4 pixel #769696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769696; -webkit-box-shadow:4px 4px  
4px 4px #769696; box-shadow:4px 4px 4px  
4px #769696 }
```

Background

The CSS property to change the background color of an element to Hex 769696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769696 }
```

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

```
.background{ background-color:#769696 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor