

# Converting Colors

Hex(769A94)

Have a look what the booklet for  
Hex(769A94) contains.

<b>Hex(769A94)</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(769A94)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	769A94
RGB	118, 154, 148
RGB Percent	46%, 60%, 58%
CMY	0.5373, 0.3961, 0.4196
CMYK	0.23, 0.00, 0.04, 0.40
HSL	170°, 15%, 53%
HSV	170°, 23%, 60%
XYZ	24.3721, 29.1009, 32.3495
YIQ	142.5520, -19.5300, -9.4980

# Conversions

## Conversions Part 2

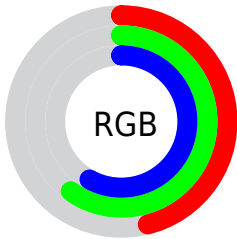
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 138, 154
Decimal	7772820
CIELab	60.87, -13.68, -0.92
CIELCh	61, 13.715, 183.841
Yxy	29.1009, 0.2840, 0.3391
Android (android.graphics.Color)	4285962900 (0xFF769A94)
YUV	142.5520, 2.6859, -21.5321
Hunter-Lab	53.9452, -13.7590, 2.2071

# Details

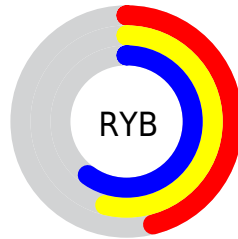
The Hex color **769A94** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A767C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **ABD0CA**, and **446761** is the 20% darker color. If you saturate the color by 10%, you get **679A91**, and if you desaturate by 10%, it is **859A97**.

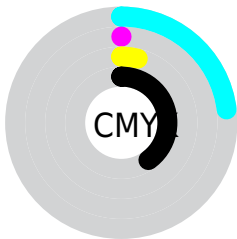
# Distribution



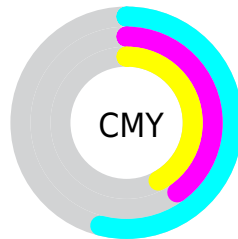
- Red (46%)
- Green (60%)
- Blue (58%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (54%)
- Magenta (40%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769A94 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 769A94 by changing the saturation by 10% instead.





769A94



769A94

FFFFFF



5D807A



ABD0CA



446761



C6EDE6



2D4F4A



E3FFFF



163833



00221E



000605



000000



769A94



769A94



679A91



859A97

579A8F

959A99

489A8C

A49A9C

389A8A

B49A9E

299A87

C39AA1

1A9A85

D29AA3

0A9A82

E29AA6

009A80

F19AA9

FF9AAB

# Harmonies

## Analogous

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



809988



769A94



7399A0

# Triad

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



769A94



978FA7



A68F7E

# Complementary

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



769A94



9A767C

# 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.



AC8C86



769A94



A48C9E

# Square

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



769A94



8893AB



AC8B92



9B927B

# Rectangle

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



769A94



7798A6



AC8B92



A98D80



# Sweetspot

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



769A94



BBC9C7



7C9A76



5E6665



E6E6E6



666666



# Same Dimension

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



769A94



91C9C0



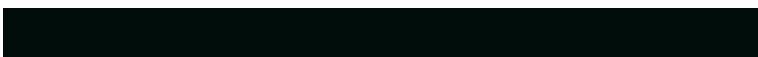
768E9A



454D4B



008C75



000D0B



# Inverse Universe

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



9A767C



C9919A



9A8276



4D4546



8C0017



0D0002



# Previews

## White Background



This preview shows how the Hex color 769A94 looks on a white background.

## Color Contrast Check

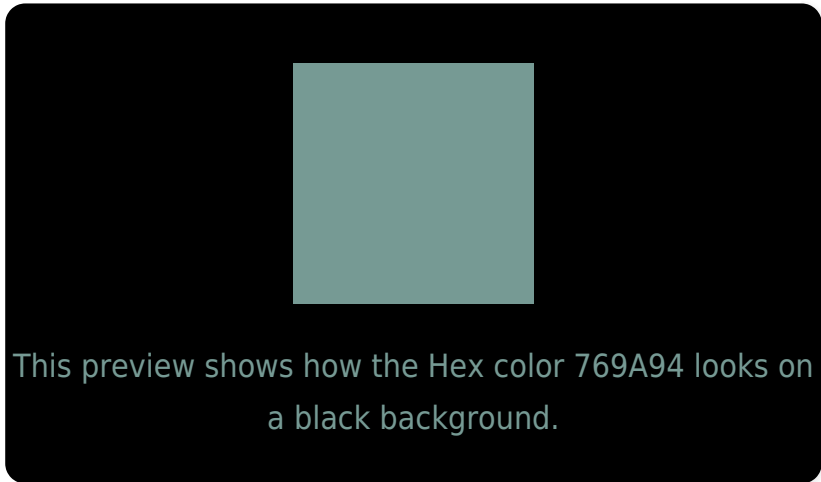
Large Text (above 18pt) WCAG AA ✓ Pass

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

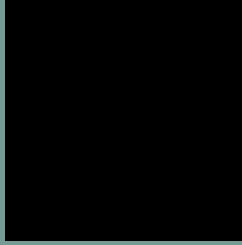
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 769A94 Background



This preview shows how black text looks on a background with the Hex color 769A94.

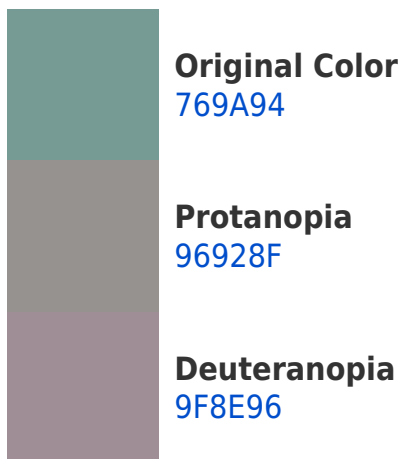


This preview shows how white text looks on a background with the Hex color 769A94.

# 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



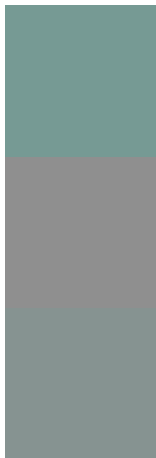
**Original Color**  
769A94

**Protanomaly**  
8A9591

**Deuteranomaly**  
909295

**Tritanomaly**  
78999E

# Monochromacy



**Original Color**  
769A94

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
869391

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769A94 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 #769A94 looks like.

```
.text, #text, p{  
    color:#769A94  
}
```

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 #769A94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769A94
}
```

## Border

The CSS property to change the border of an element to Hex 769A94 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
#769A94 }
```

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

```
.border{ border-color:#769A94 }
```

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

Here you see how a box with a 4 pixel #769A94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769A94; -webkit-box-shadow:4px 4px  
4px 4px #769A94; box-shadow:4px 4px 4px  
4px #769A94 }
```

# Background

The CSS property to change the background color of an element to Hex 769A94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769A94 }
```

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

```
.background{ background-color:#769A94 }
```

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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