

# Converting Colors

Hex(7B769A)

Have a look what the booklet for  
Hex(7B769A) contains.

<b>Hex(7B769A)</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(7B769A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B769A
RGB	123, 118, 154
RGB Percent	48%, 46%, 60%
CMY	0.5176, 0.5373, 0.3961
CMYK	0.20, 0.23, 0.00, 0.40
HSL	248°, 15%, 53%
HSV	248°, 23%, 60%
XYZ	20.4795, 19.5009, 33.2565
YIQ	123.5990, -8.5760, 12.2560

# Conversions

## Conversions Part 2

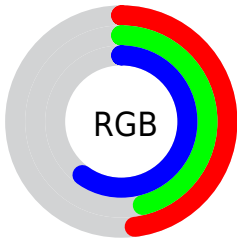
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 118, 154
Decimal	8091290
CIE Lab	51.27, 9.80, -18.71
CIE LCh	51, 21.124, 297.655
Yxy	19.5009, 0.2796, 0.2663
Android (android.graphics.Color)	4286281370 (0xFF7B769A)
YUV	123.5990, 14.9877, -0.5253
Hunter-Lab	44.1598, 5.5014, -13.7391

# Details

The Hex color **7B769A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **959A76**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B0AAD0**, and **4A4667** is the 20% darker color. If you saturate the color by 10%, you get **6E679A**, and if you desaturate by 10%, it is **88859A**.

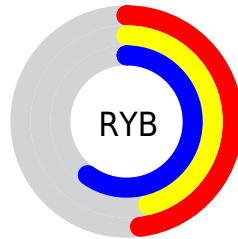
# Distribution



Red (48%)

Green (46%)

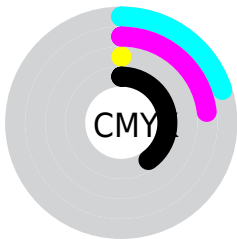
Blue (60%)



Red (48%)

Yellow (46%)

Blue (60%)

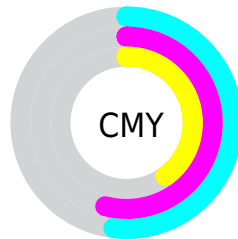


Cyan (20%)

Magenta (23%)

Yellow (0%)

Black (40%)



Cyan (52%)

Magenta (54%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B769A 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 7B769A by changing the saturation by 10% instead.





7B769A



7B769A

FFFFFF



625D80



B0AAD0



4A4667



CBC5ED



322F4F



E8E1FF



1C1B38

FFFEFF



070022



000009



000000



7B769A



7B769A



6E679A



88859A

60579A

96959A

53489A

A3A49A

46389A

B0B49A

39299A

BDC39A

2B1A9A

CBD29A

1E0A9A

D8E29A

15009A

E5F19A

F2FF9A

# Harmonies

## Analogous

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



617C9E



7B769A



90708E

# Triad

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



7B769A



97725C



4E8478

# Complementary

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



7B769A



959A76

# 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.



618266



7B769A



897856

# Square

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



7B769A



9E6E6A



767E5A



43848A

# Rectangle

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



7B769A



996E82



767E5A



538472



# Sweetspot

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



7B769A



BDBBC9



76959A



5F5E66



E6E6E6



666666



# Same Dimension

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



7B769A



9991C9



8D769A



46454D



13008C



02000D



# Inverse Universe

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



9A7695



C991C2



839A76



4D454B



8C0079



0D000B



# Previews

## White Background



This preview shows how the Hex color 7B769A looks on a white background.

## Color Contrast Check

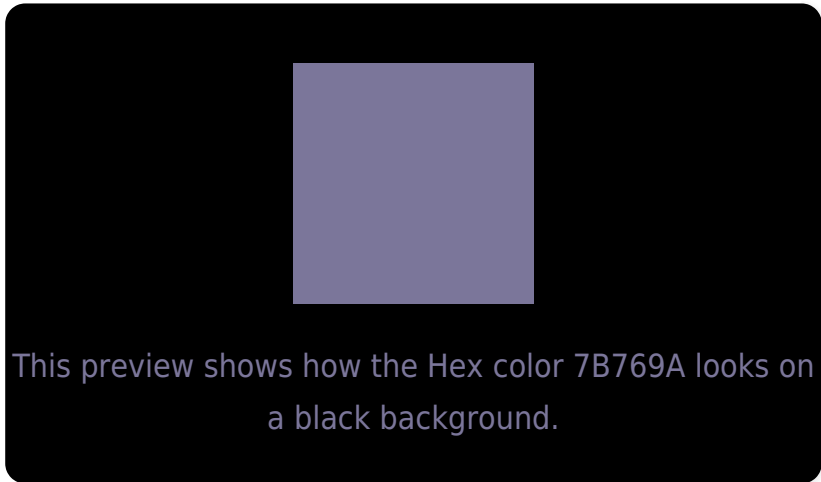
Large Text (above 18pt) WCAG AA ✓ Pass

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

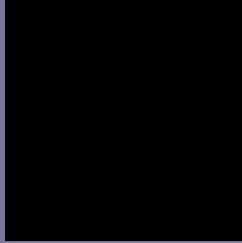
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B769A Background



This preview shows how black text looks on a background with the Hex color 7B769A.



This preview shows how white text looks on a background with the Hex color 7B769A.

# 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](#).

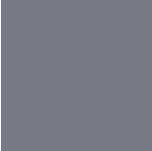
## Dichromacy



**Original Color**  
7B769A

**Protanopia**  
71799C

**Deuteranopia**  
76789A



**Tritanopia**  
777A84

# Trichromacy



**Original Color**  
7B769A

**Protanomaly**  
75789B

**Deuteranomaly**  
78779A

**Tritanomaly**  
78798C

# Monochromacy



**Original Color**  
7B769A

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7C7A87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B769A 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 #7B769A looks like.

```
.text, #text, p{  
    color:#7B769A  
}
```

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 #7B769A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B769A
}
```

## Border

The CSS property to change the border of an element to Hex 7B769A is called "border". The border property can be set on classes, ids or directly on the HTML element.

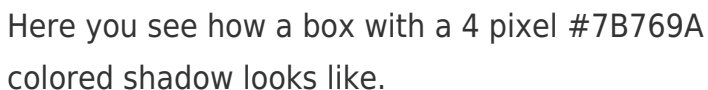
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B769A }
```

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

```
.border{ border-color:#7B769A }
```

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



Here you see how a box with a 4 pixel #7B769A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B769A; -webkit-box-shadow:4px 4px  
4px 4px #7B769A; box-shadow:4px 4px 4px  
4px #7B769A }
```

# Background

The CSS property to change the background color of an element to Hex 7B769A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B769A }
```

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

```
.background{ background-color:#7B769A }
```

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