

# Converting Colors

Hex(769E9D)

Have a look what the booklet for  
Hex(769E9D) contains.

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# **Color**

**Hex(769E9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	769E9D
RGB	118, 158, 157
RGB Percent	46%, 62%, 62%
CMY	0.5373, 0.3804, 0.3843
CMYK	0.25, 0.00, 0.01, 0.38
HSL	178°, 17%, 54%
HSV	178°, 25%, 62%
XYZ	25.7839, 30.7396, 36.4727
YIQ	145.9260, -23.5190, -8.7910

# Conversions

## Conversions Part 2

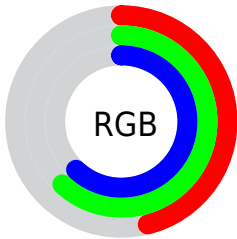
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 138, 158
Decimal	7773853
CIELab	62.29, -13.77, -3.92
CIELCh	62, 14.319, 195.893
Yxy	30.7396, 0.2773, 0.3305
Android (android.graphics.Color)	4285963933 (0xFF769E9D)
YUV	145.9260, 5.4595, -24.4911
Hunter-Lab	55.4433, -14.0144, -0.1929

# Details

The Hex color **769E9D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E7677**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ABD5D4**, and **446B6A** is the 20% darker color. If you saturate the color by 10%, you get **669E9D**, and if you desaturate by 10%, it is **869E9D**.

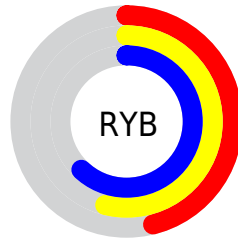
# Distribution



Red (46%)

Green (62%)

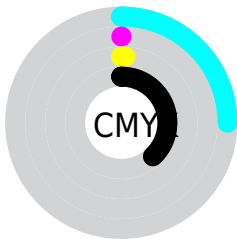
Blue (62%)



Red (46%)

Yellow (54%)

Blue (62%)

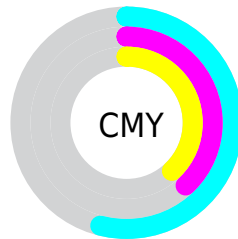


Cyan (25%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (54%)

Magenta (38%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769E9D 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 769E9D by changing the saturation by 10% instead.



769E9D

769E9D

FFFFFF

5D8483

ABD5D4

446B6A

C7F1F0

2C5252

E3FFFF

143B3B

002525

001010

000000

769E9D

769E9D

669E9D

869E9D

569E9C

969E9E

479E9C

A59E9E

379E9B

B59E9F

279E9B

C59E9F

179E9B

D59E9F

079E9A

E59EA0

009E9A

F49EA0

FF9EA1

# Harmonies

## Analogous

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



7E9E90



769E9D



779DA8

# Triad

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



769E9D



A191A8



A6947E

# Complementary

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



769E9D



9E7677

# 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.



AF9085



769E9D



AD8E9D

# Square

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



769E9D



9195AF



B18E90



99987E

# Rectangle

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



769E9D



7D9BAD



B18E90



AA9280



# Sweetspot

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



769E9D



BECFCE



779E76



5E6968



E8E8E8



696969



# Same Dimension

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



769E9D



91CFCD



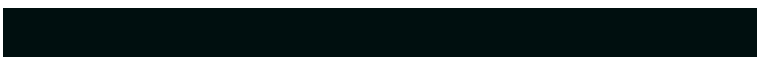
768B9E



474F4F



008F8B



000F0F



# Inverse Universe

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



9E7677



CF9192



9E8976



4F4747



8F0004



0F0000



# Previews

## White Background



This preview shows how the Hex color 769E9D looks on a white background.

## Color Contrast Check

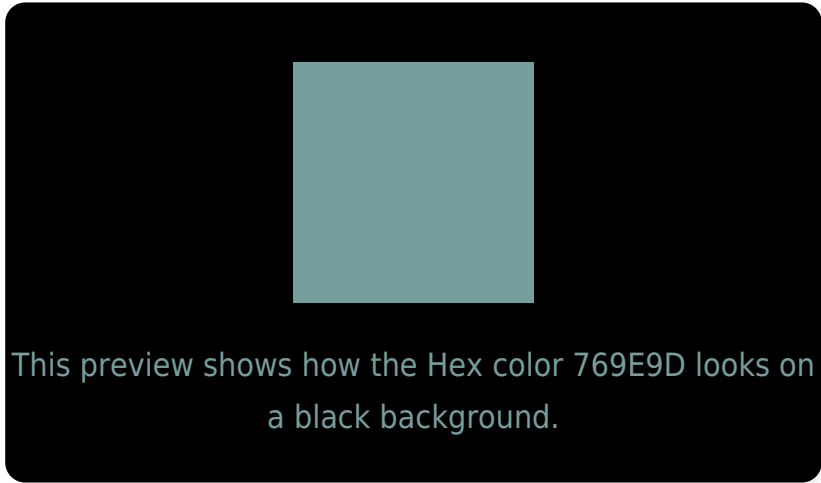
Large Text (above 18pt) WCAG AA × Fail

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

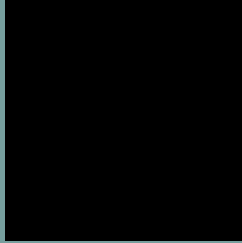
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 769E9D Background



This preview shows how black text looks on a background with the Hex color 769E9D.

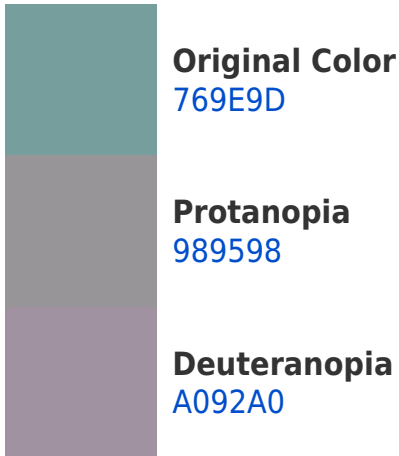


This preview shows how white text looks on a background with the Hex color 769E9D.

# 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](#).

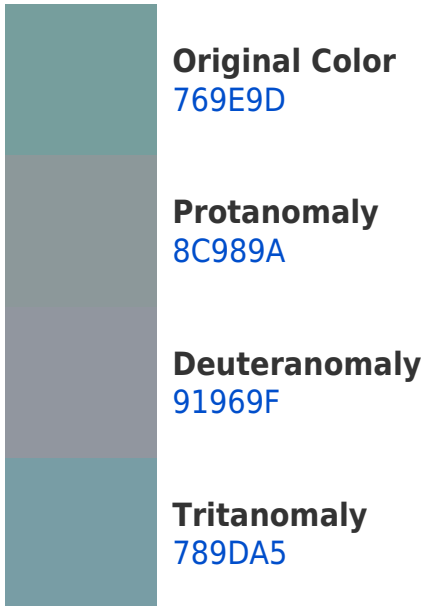
## Dichromacy





**Tritanopia**  
799CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769E9D 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 #769E9D looks like.

```
.text, #text, p{  
    color:#769E9D  
}
```

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 #769E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769E9D
}
```

## Border

The CSS property to change the border of an element to Hex 769E9D 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
#769E9D }
```

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

```
.border{ border-color:#769E9D }
```

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

Here you see how a box with a 4 pixel #769E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769E9D; -webkit-box-shadow:4px 4px  
4px 4px #769E9D; box-shadow:4px 4px 4px  
4px #769E9D }
```

# Background

The CSS property to change the background color of an element to Hex 769E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769E9D }
```

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

```
.background{ background-color:#769E9D }
```

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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