

# Converting Colors

Hex(709E9B)

Have a look what the booklet for  
Hex(709E9B) contains.

<b>Hex(709E9B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(709E9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	709E9B
RGB	112, 158, 155
RGB Percent	44%, 62%, 61%
CMY	0.5608, 0.3804, 0.3922
CMYK	0.29, 0.00, 0.02, 0.38
HSL	176°, 19%, 53%
HSV	176°, 29%, 62%
XYZ	24.8253, 30.2650, 35.5436
YIQ	143.9040, -26.4530, -10.6850

# Conversions

## Conversions Part 2

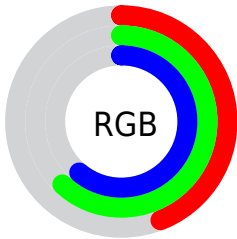
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 136, 158
Decimal	7380635
CIELab	61.88, -16.09, -3.43
CIELCh	62, 16.449, 192.035
Yxy	30.2650, 0.2739, 0.3339
Android (android.graphics.Color)	4285570715 (0xFF709E9B)
YUV	143.9040, 5.4703, -27.9798
Hunter-Lab	55.0137, -15.7244, 0.2030

# Details

The Hex color **709E9B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E7073**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A5D5D1**, and **3E6B68** is the 20% darker color. If you saturate the color by 10%, you get **609E9A**, and if you desaturate by 10%, it is **809E9C**.

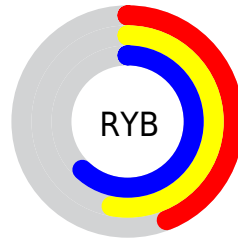
# Distribution



Red (44%)

Green (62%)

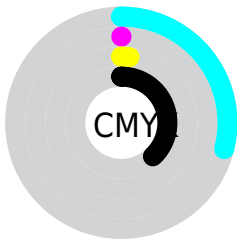
Blue (61%)



Red (44%)

Yellow (53%)

Blue (62%)

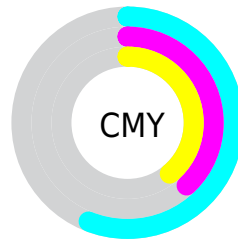


Cyan (29%)

Magenta (0%)

Yellow (2%)

Black (38%)



Cyan (56%)

Magenta (38%)


Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 709E9B 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 709E9B by changing the saturation by 10% instead.



 709E9B

 709E9B

FFFFFF

 578481

 A5D5D1

 3E6B68

 C1F1EE

 255250

 DDFFFF


 0A3B39


 FAFFFF

 002524

 000D0E

 000000

 709E9B

 709E9B

 609E9A

 809E9C

■ 509E99

■ 909E9D

■ 419E98

■ 9F9E9E

■ 319E97

■ AF9E9F

■ 219E96

■ BF9EA0

■ 119E95

■ CF9EA1

■ 019E94

■ DF9EA2

■ 009E94

■ EE9EA3

■ FE9EA4

# Harmonies

## Analogous

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



7A9D8C



709E9B



709DA8

# Triad

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



709E9B



9F90AB



A9927A

# Complementary

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



709E9B



9E7073

# 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.



B28D83



709E9B



AD8C9F

# Square

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



709E9B



8D95B2



B48B90



9B9679

# Rectangle

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



709E9B



769BAF



B48B90



AD907C



# Sweetspot

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



709E9B



BCCFCD



739E70



5D6968



E8E8E8



696969



# Same Dimension

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



709E9B



86CFCA



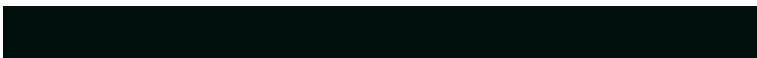
708A9E



474F4F



008F85



000F0E



# Inverse Universe

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



9E7073



CF868B



9E8470



4F4748



8F0009



0F0001



# Previews

## White Background



This preview shows how the Hex color 709E9B looks on a white background.

## Color Contrast Check

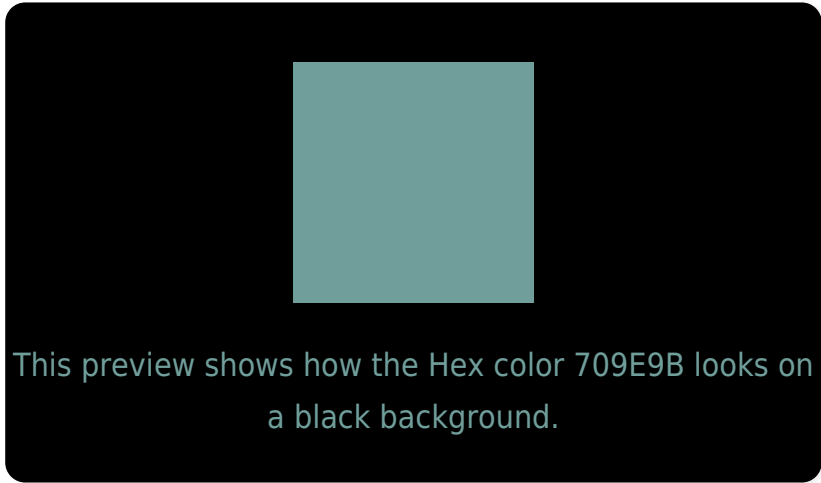
Large Text (above 18pt) WCAG AA × Fail

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

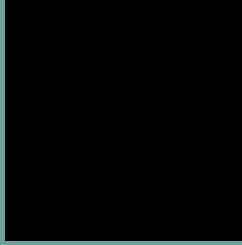
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 709E9B Background



This preview shows how black text looks on a background with the Hex color 709E9B.

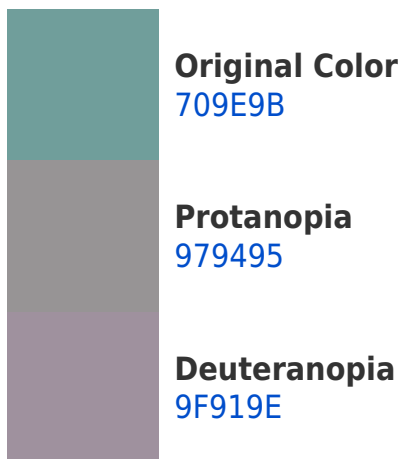


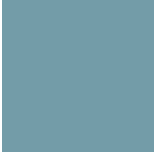
This preview shows how white text looks on a background with the Hex color 709E9B.

# 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



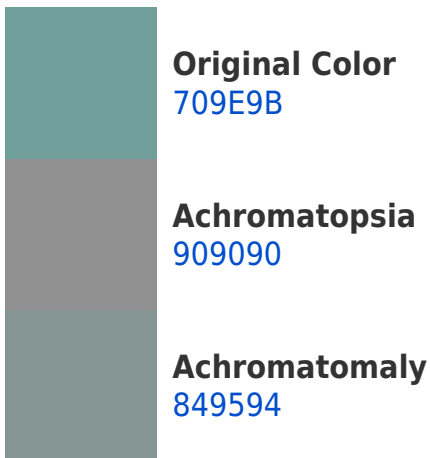


**Tritanopia**  
739CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 709E9B 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 #709E9B looks like.

```
.text, #text, p{  
    color:#709E9B  
}
```

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 #709E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #709E9B
}
```

## Border

The CSS property to change the border of an element to Hex 709E9B 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
#709E9B }
```

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

```
.border{ border-color:#709E9B }
```

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

Here you see how a box with a 4 pixel #709E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #709E9B; -webkit-box-shadow:4px 4px  
4px 4px #709E9B; box-shadow:4px 4px 4px  
4px #709E9B }
```

# Background

The CSS property to change the background color of an element to Hex 709E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#709E9B }
```

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

```
.background{ background-color:#709E9B }
```

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