

# Converting Colors

Hex(709C9A)

Have a look what the booklet for  
Hex(709C9A) contains.

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# Color

**Hex(709C9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	709C9A
RGB	112, 156, 154
RGB Percent	44%, 61%, 60%
CMY	0.5608, 0.3882, 0.3961
CMYK	0.28, 0.00, 0.01, 0.39
HSL	177°, 18%, 53%
HSV	177°, 28%, 61%
XYZ	24.4033, 29.5548, 34.9903
YIQ	142.6160, -25.5820, -9.9500

# Conversions

## Conversions Part 2

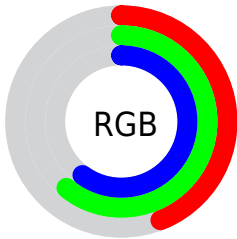
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 135, 156
Decimal	7380122
CIELab	61.27, -15.26, -3.77
CIELCh	61, 15.721, 193.876
Yxy	29.5548, 0.2744, 0.3323
Android (android.graphics.Color)	4285570202 (0xFF709C9A)
YUV	142.6160, 5.6123, -26.8502
Hunter-Lab	54.3643, -15.0116, -0.1056

# Details

The Hex color **709C9A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C7072**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A5D3D0**, and **3E6967** is the 20% darker color. If you saturate the color by 10%, you get **609C99**, and if you desaturate by 10%, it is **809C9B**.

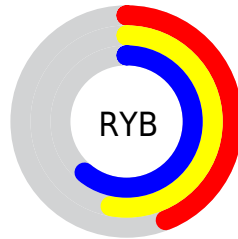
# Distribution



Red (44%)

Green (61%)

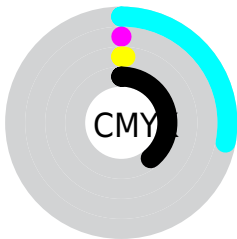
Blue (60%)



Red (44%)

Yellow (53%)

Blue (61%)

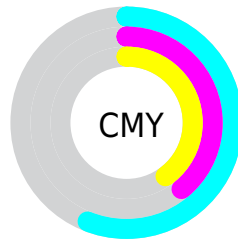


Cyan (28%)

Magenta (0%)

Yellow (1%)

Black (39%)



Cyan (56%)

Magenta (39%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 709C9A 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 709C9A by changing the saturation by 10% instead.





709C9A



709C9A

FFFFFF



578280



A5D3D0



3E6967



C1EFED



25504F



DDFFFF



0B3938



FAFFFF



002423



00090D



000000



709C9A



709C9A



609C99



809C9B

■ 519C99

■ 8F9C9B

■ 419C98

■ 9F9C9C

■ 329C97

■ AE9C9D

■ 229C96

■ BE9C9E

■ 129C96

■ CE9C9E

■ 039C95

■ DD9C9F

■ 009C95

■ ED9CA0

■ FC9CA0

# Harmonies

## Analogous

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



799B8C



709C9A



709BA7

# Triad

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



709C9A



9E8EA8



A6907A

# Complementary

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



709C9A



9C7072

# 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.



AF8C81



709C9A



AB8B9C

# Square

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



709C9A



8D93AF



B18A8E



989579

# Rectangle

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



709C9A



7799AC



B18A8E



A98F7B



# Sweetspot

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



709C9A



BCCCCB



729C70



5C6666



E6E6E6



666666



# Same Dimension

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



709C9A



87CCC9



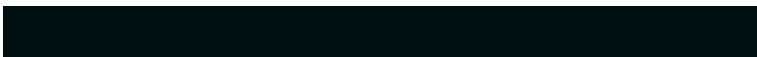
70889C



474F4F



008F88



000F0F



# Inverse Universe

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



9C7072



CC878A



9C8470



4F4748



8F0006



0F0001



# Previews

## White Background



This preview shows how the Hex color 709C9A looks on a white background.

## Color Contrast Check

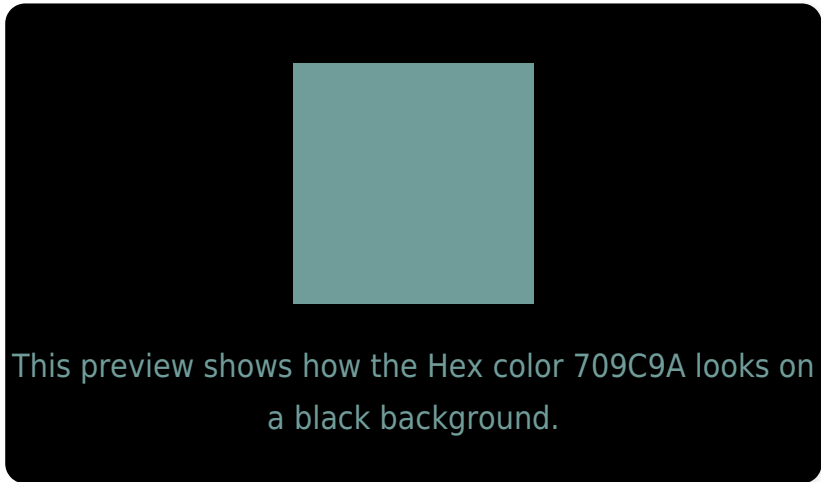
Large Text (above 18pt) WCAG AA ✓ Pass

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

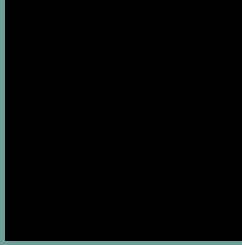
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 709C9A Background



This preview shows how black text looks on a background with the Hex color 709C9A.



This preview shows how white text looks on a background with the Hex color 709C9A.

# 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**  
709C9A

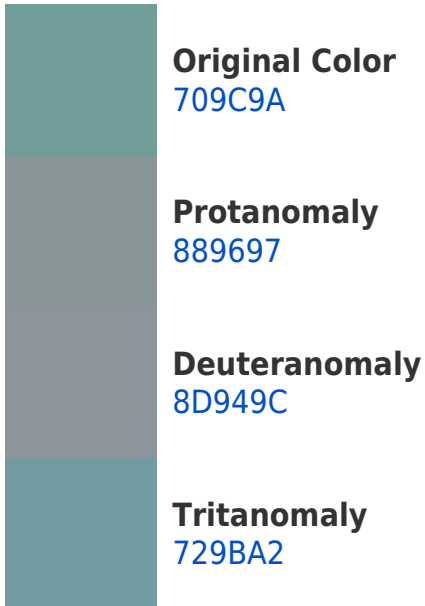
**Protanopia**  
969395

**Deuteranopia**  
9D8F9D

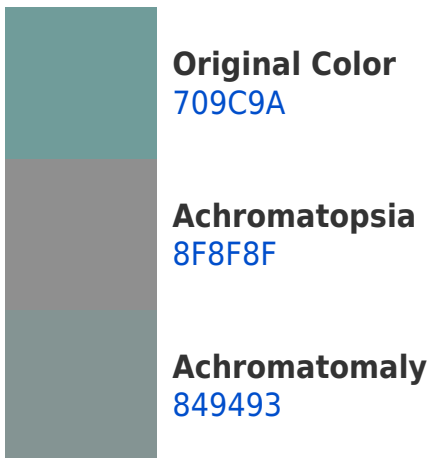


**Tritanopia**  
739AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 709C9A 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 #709C9A looks like.

```
.text, #text, p{  
    color:#709C9A  
}
```

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 #709C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #709C9A
}
```

## Border

The CSS property to change the border of an element to Hex 709C9A 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
#709C9A }
```

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

```
.border{ border-color:#709C9A }
```

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

Here you see how a box with a 4 pixel #709C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #709C9A; -webkit-box-shadow:4px 4px  
4px 4px #709C9A; box-shadow:4px 4px 4px  
4px #709C9A }
```

# Background

The CSS property to change the background color of an element to Hex 709C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#709C9A }
```

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

```
.background{ background-color:#709C9A }
```

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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