

# Converting Colors

Hex(709688)

Have a look what the booklet for  
Hex(709688) contains.

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**Color**

**Hex(709688)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	709688
RGB	112, 150, 136
RGB Percent	44%, 59%, 53%
CMY	0.5608, 0.4118, 0.4667
CMYK	0.25, 0.00, 0.09, 0.41
HSL	158°, 15%, 51%
HSV	158°, 25%, 59%
XYZ	22.0324, 27.0350, 27.3496
YIQ	137.0420, -18.1540, -12.4100

# Conversions

## Conversions Part 2

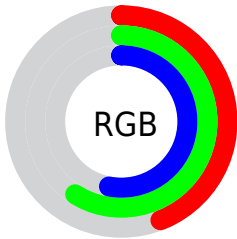
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 135, 150
Decimal	7378568
CIELab	59.01, -16.16, 3.13
CIELCh	59, 16.460, 169.033
Yxy	27.0350, 0.2883, 0.3538
Android (android.graphics.Color)	4285568648 (0xFF709688)
YUV	137.0420, -0.5137, -21.9618
Hunter-Lab	51.9952, -15.3543, 5.2100

# Details

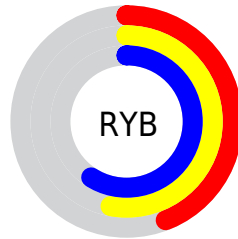
The Hex color **709688** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96707E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A4CCBD**, and **3F6356** is the 20% darker color. If you saturate the color by 10%, you get **619682**, and if you desaturate by 10%, it is **7F968E**.

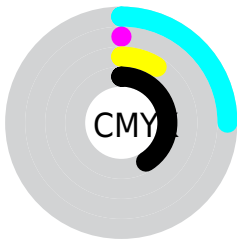
# Distribution



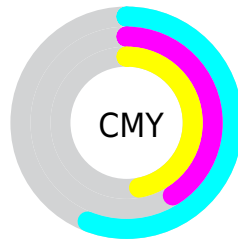
- Red (44%)
- Green (59%)
- Blue (53%)



- Red (44%)
- Yellow (53%)
- Blue (59%)



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)




- Cyan (56%)
- Magenta (41%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 709688 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 709688 by changing the saturation by 10% instead.



 709688

 709688

FFFFFF

 577C6F

 A4CCBD

 3F6356

 C0E8D9

 284B3F


 DCFFF5


 103429


 F9FFFF

 001F15

 000000

 709688

 709688

 619682

 7F968E

 52967D

 8E9693

■ 439677

■ 9D9699

■ 349672

■ AC969E

■ 25966C

■ BB96A4

■ 169667

■ CA96A9

■ 079661

■ D996AF

■ 00965F

■ E896B4

■ F796BA

# Harmonies

## Analogous

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



7F947B



709688



679697

# Triad

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



709688



8A8CA9



A98779

# Complementary

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



709688



96707E

# 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.



AC8485



709688



9C87A1

# Square

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



709688



7791AA



A88494



9E8B72

# Rectangle

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



709688



6895A0



A88494



AB867C



# Sweetspot

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



709688



B2C2BC



7F9670



57615D



E0E0E0



616161



# Same Dimension

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



709688



88C2AC



709296



434A47



008A57



000A06



# Inverse Universe

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



96707E



C2889D



967470



4A4345



8A0033

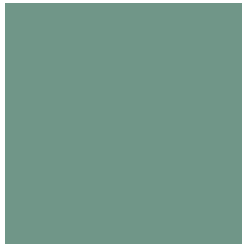


0A0004



# Previews

## White Background



This preview shows how the Hex color 709688 looks on a white background.

## Color Contrast Check

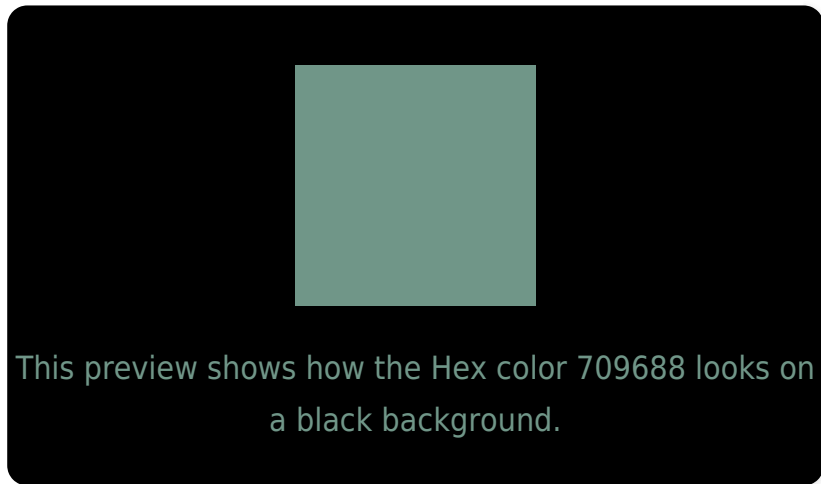
Large Text (above 18pt) WCAG AA ✓ Pass

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

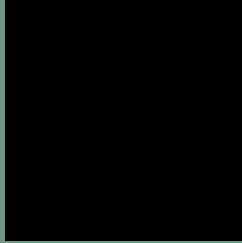
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 709688 Background



This preview shows how black text looks on a background with the Hex color 709688.

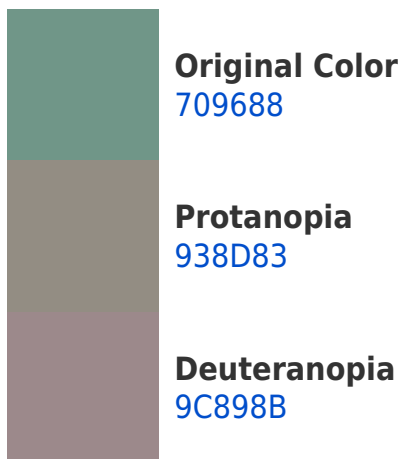


This preview shows how white text looks on a background with the Hex color 709688.

# 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**  
75939E

# Trichromacy



**Original Color**  
709688

**Protanomaly**  
869085

**Deuteranomaly**  
8C8E8A

**Tritanomaly**  
739496

# Monochromacy



**Original Color**  
709688

**Achromatopsia**  
898989

**Achromatomaly**  
808E89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 709688 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 #709688 looks like.

```
.text, #text, p{  
    color:#709688  
}
```

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 #709688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #709688  
}
```

## Border

The CSS property to change the border of an element to Hex 709688 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  
#709688 }
```

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

```
.border{ border-color:#709688 }
```

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

Here you see how a box with a 4 pixel #709688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #709688; -webkit-box-shadow:4px 4px  
4px 4px #709688; box-shadow:4px 4px 4px  
4px #709688 }
```

# Background

The CSS property to change the background color of an element to Hex 709688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#709688 }
```

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

```
.background{ background-color:#709688 }
```

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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