

# Converting Colors

Hex(749C8D)

Have a look what the booklet for  
Hex(749C8D) contains.

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# Color

**Hex(749C8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	749C8D
RGB	116, 156, 141
RGB Percent	45%, 61%, 55%
CMY	0.5451, 0.3882, 0.4471
CMYK	0.26, 0.00, 0.10, 0.39
HSL	158°, 17%, 53%
HSV	158°, 26%, 61%
XYZ	23.8986, 29.4130, 29.6170
YIQ	142.3300, -19.0250, -13.1450

# Conversions

## Conversions Part 2

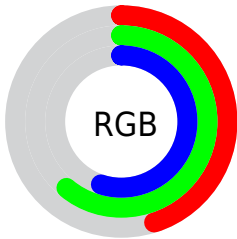
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 141, 156
Decimal	7642253
CIELab	61.14, -16.94, 3.42
CIELCh	61, 17.277, 168.576
Yxy	29.4130, 0.2882, 0.3547
Android (android.graphics.Color)	4285832333 (0xFF749C8D)
YUV	142.3300, -0.6557, -23.0914
Hunter-Lab	54.2338, -16.2513, 5.5855

# Details

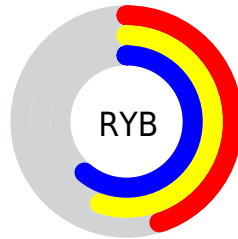
The Hex color **749C8D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C7483**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A9D3C3**, and **42695B** is the 20% darker color. If you saturate the color by 10%, you get **649C87**, and if you desaturate by 10%, it is **849C93**.

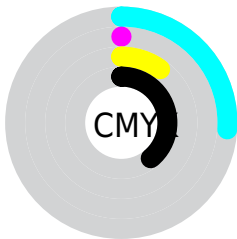
# Distribution



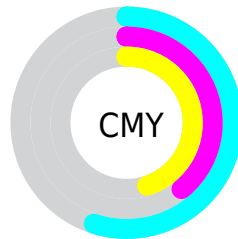
- Red (45%)
- Green (61%)
- Blue (55%)



- Red (45%)
- Yellow (55%)
- Blue (61%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



- Cyan (55%)
- Magenta (39%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 749C8D 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 749C8D by changing the saturation by 10% instead.



 749C8D

 749C8D

FFFFFF

 5B8273


 A9D3C3

 42695B

 C4EFDE

 2B5043

 E1FFFB

 13392D

FDFFFF

 002319

 000800

 000000

 749C8D

 749C8D

 649C87

 849C93

■ 559C81

■ 939C99

■ 459C7B

■ A39C9F

■ 369C76

■ B29CA4

■ 269C70

■ C29CAA

■ 169C6A

■ D29CB0

■ 079C64

■ E19CB6

■ 009C62

■ F19CBC

■ FF9CC2

# Harmonies

## Analogous

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



849A7F



749C8D



6B9C9D

# Triad

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



749C8D



8F92B0



B08C7D

# Complementary

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



749C8D



9C7483

# 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.



B4898B



749C8D



A28DA8

# Square

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



749C8D



7B97B1



AF899A



A59176

# Rectangle

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



749C8D



6B9BA6



AF899A



B28B81



# Sweetspot

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



749C8D



BCCCC6



839C74



5C6662



E6E6E6



666666



# Same Dimension

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



749C8D



8DCCB4



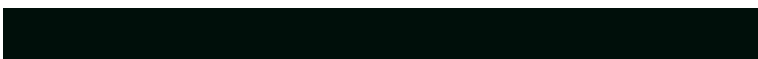
74979C



474F4C



008F59



000F0A



# Inverse Universe

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



9C7483



CC8DA4



9C7974



4F474A



8F0036



0F0006



# Previews

## White Background



This preview shows how the Hex color 749C8D looks on a white background.

## Color Contrast Check

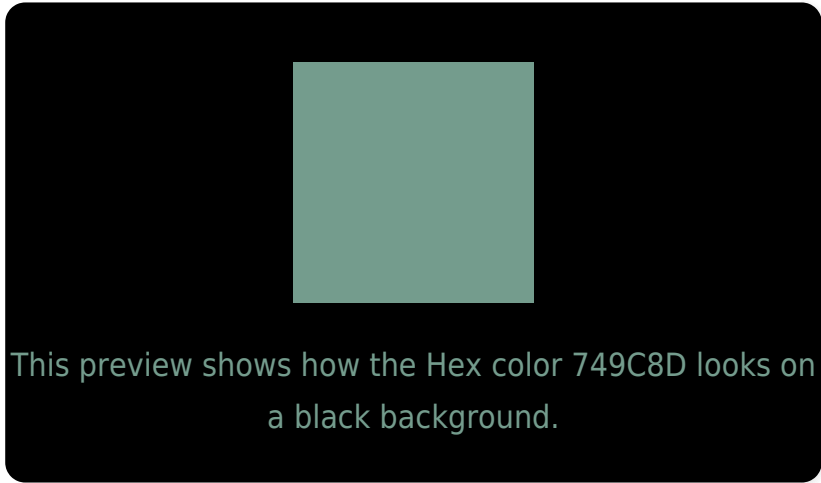
Large Text (above 18pt) WCAG AA ✓ Pass

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

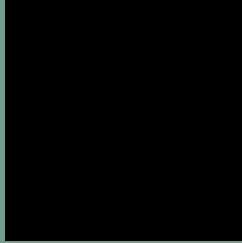
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 749C8D Background



This preview shows how black text looks on a background with the Hex color 749C8D.

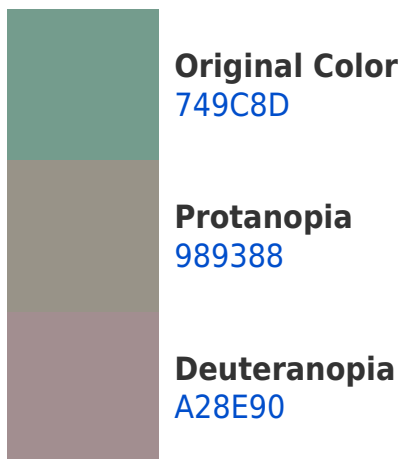


This preview shows how white text looks on a background with the Hex color 749C8D.

# 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](#).

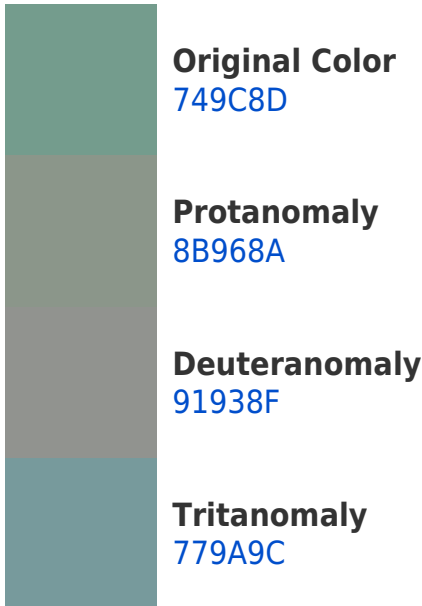
## Dichromacy



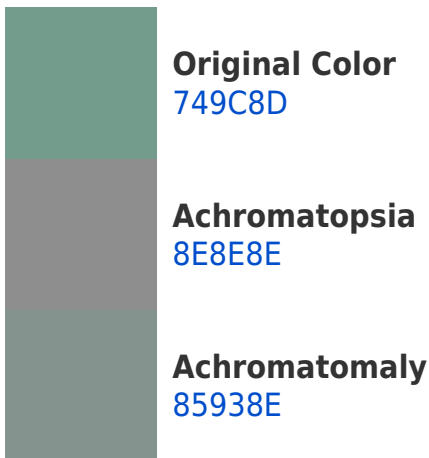


**Tritanopia**  
7999A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 749C8D 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 #749C8D looks like.

```
.text, #text, p{  
    color:#749C8D  
}
```

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 #749C8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749C8D
}
```

## Border

The CSS property to change the border of an element to Hex 749C8D 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
#749C8D }
```

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

```
.border{ border-color:#749C8D }
```

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

Here you see how a box with a 4 pixel #749C8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749C8D; -webkit-box-shadow:4px 4px  
4px 4px #749C8D; box-shadow:4px 4px 4px  
4px #749C8D }
```

# Background

The CSS property to change the background color of an element to Hex 749C8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749C8D }
```

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

```
.background{ background-color:#749C8D }
```

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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