

# Converting Colors

Hex(729788)

Have a look what the booklet for  
Hex(729788) contains.

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# Color

Hex(729788)

# Conversions

## Conversions Part 1

Format	Color
Hex	729788
RGB	114, 151, 136
RGB Percent	45%, 59%, 53%
CMY	0.5529, 0.4078, 0.4667
CMYK	0.25, 0.00, 0.10, 0.41
HSL	156°, 15%, 52%
HSV	156°, 25%, 59%
XYZ	22.4500, 27.4882, 27.4151
YIQ	138.2270, -17.2370, -12.5090

# Conversions

## Conversions Part 2

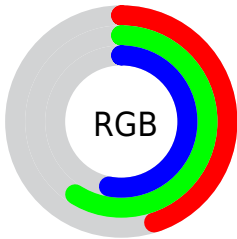
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 137, 151
Decimal	7509896
CIELab	59.42, -16.03, 3.75
CIELCh	59, 16.460, 166.833
Yxy	27.4882, 0.2902, 0.3554
Android (android.graphics.Color)	4285699976 (0xFF729788)
YUV	138.2270, -1.0979, -21.2471
Hunter-Lab	52.4292, -15.3181, 5.6979

# Details

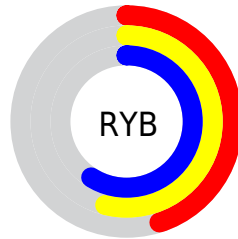
The Hex color **729788** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **977281**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A7CDBD**, and **416456** is the 20% darker color. If you saturate the color by 10%, you get **639782**, and if you desaturate by 10%, it is **81978E**.

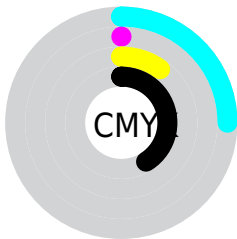
# Distribution



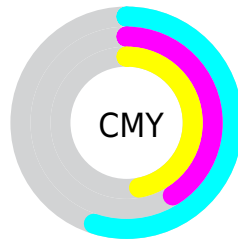
- Red (45%)
- Green (59%)
- Blue (53%)



- Red (45%)
- Yellow (54%)
- Blue (59%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (41%)



- Cyan (55%)
- Magenta (41%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 729788 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 729788 by changing the saturation by 10% instead.





729788



729788

FFFFFF



597D6F



A7CDBD



416456



C2EAD9



2A4C3F



DEFFF5



133529



FBFFFF



002015



000000



729788



729788



639782



81978E



54977C



909794

■ 459776

■ 9F979A

■ 369770

■ AE97A0

■ 279769

■ BE97A7

■ 179763

■ CD97AD

■ 08975D

■ DC97B3

■ 00975A

■ EB97B9

■ FA97BF

# Harmonies

## Analogous

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



81957B



729788



699797

# Triad

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



729788



898EAB



AA887B

# Complementary

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



729788



977281

# 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.



AD8587



729788



9B89A3

# Square

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



729788



7792AB



A88696



A08C73

# Rectangle

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



729788



6897A0



A88696



AC867E



# Sweetspot

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



729788



B7C4BF



819772



5B6360



E3E3E3



636363



# Same Dimension

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



729788



8BC4AD



729497



454D49



008C53



000D08



# Inverse Universe

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



977281



C48BA2



977572



4D4548



8C0039



0D0005



# Previews

## White Background



This preview shows how the Hex color 729788 looks on a white background.

## Color Contrast Check

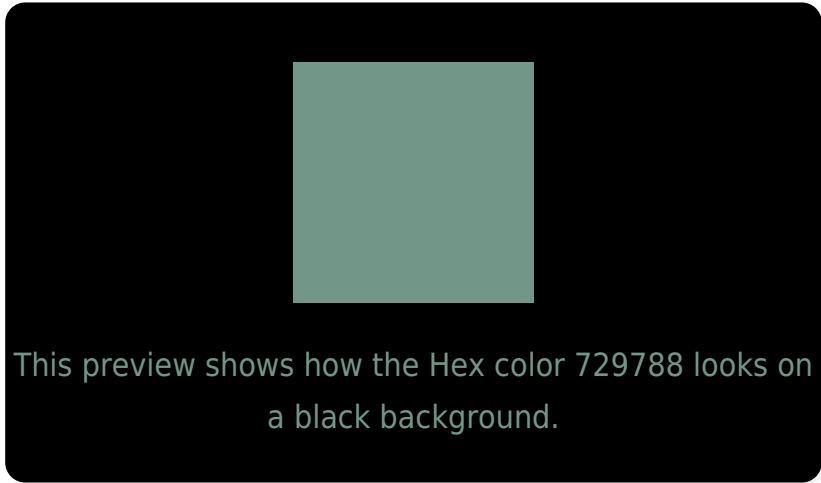
Large Text (above 18pt) WCAG AA ✓ Pass

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

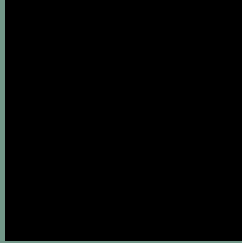
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 729788 Background



This preview shows how black text looks on a background with the Hex color 729788.

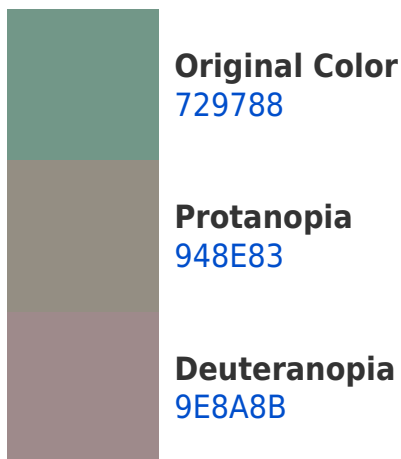


This preview shows how white text looks on a background with the Hex color 729788.

# 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](#).

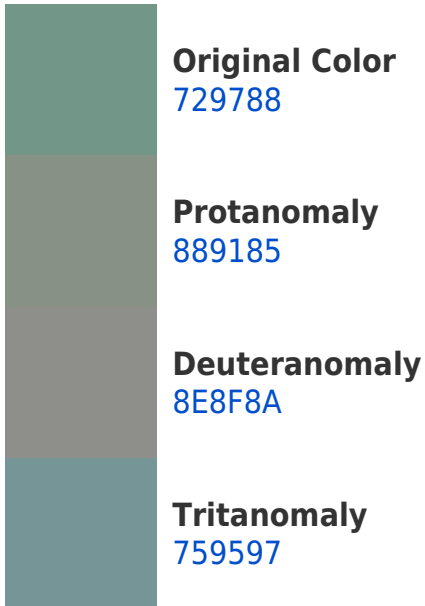
## Dichromacy



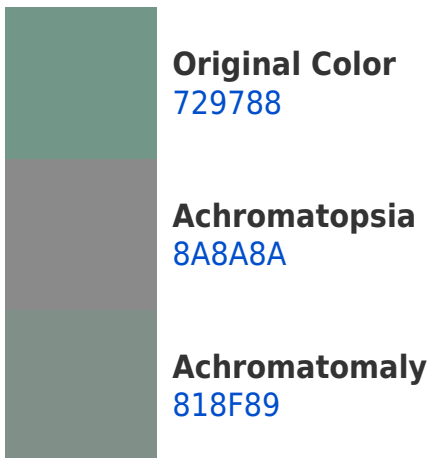


**Tritanopia**  
77949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 729788 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 #729788 looks like.

```
.text, #text, p{  
    color:#729788  
}
```

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 #729788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729788  
}
```

## Border

The CSS property to change the border of an element to Hex 729788 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  
#729788 }
```

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

```
.border{ border-color:#729788 }
```

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

Here you see how a box with a 4 pixel #729788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729788; -webkit-box-shadow:4px 4px  
4px 4px #729788; box-shadow:4px 4px 4px  
4px #729788 }
```

# Background

The CSS property to change the background color of an element to Hex 729788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729788 }
```

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

```
.background{ background-color:#729788 }
```

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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