

# Converting Colors

Hex(729C74)

Have a look what the booklet for  
Hex(729C74) contains.

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# Color

Hex(729C74)

# Conversions

## Conversions Part 1

Format	Color
Hex	729C74
RGB	114, 156, 116
RGB Percent	45%, 61%, 45%
CMY	0.5529, 0.3882, 0.5451
CMYK	0.27, 0.00, 0.26, 0.39
HSL	123°, 18%, 53%
HSV	123°, 27%, 61%
XYZ	21.9803, 28.6153, 20.8878
YIQ	138.8820, -12.1920, -21.3440

# Conversions

## Conversions Part 2

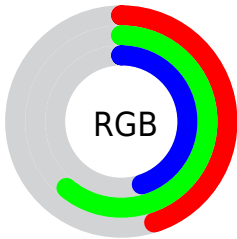
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 154, 156
Decimal	7511156
CIELab	60.44, -22.58, 16.45
CIELCh	60, 27.936, 143.934
Yxy	28.6153, 0.3075, 0.4003
Android (android.graphics.Color)	4285701236 (0xFF729C74)
YUV	138.8820, -11.2808, -21.8215
Hunter-Lab	53.4933, -20.2679, 14.2940

# Details

The Hex color **729C74** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C729A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A7D3A8**, and **406944** is the 20% darker color. If you saturate the color by 10%, you get **629C65**, and if you desaturate by 10%, it is **829C83**.

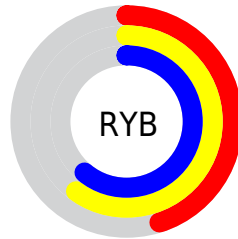
# Distribution



Red (45%)

Green (61%)

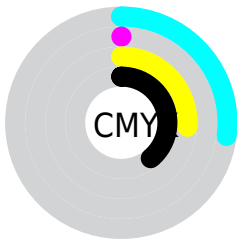
Blue (45%)



Red (45%)

Yellow (60%)

Blue (61%)

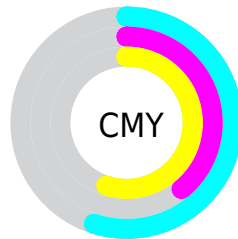


Cyan (27%)

Magenta (0%)

Yellow (26%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 729C74 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 729C74 by changing the saturation by 10% instead.



 729C74

 729C74

FFFFFF

 59825B


 A7D3A8

 406944

 C2EFC3

 29502D

 DEFFDF

 113918

 FBFFFC

 002300

 000300

 000000

 729C74

 729C74

 629C65

 829C83

■ 539C56

■ 919C92

■ 439C47

■ A19CA1

■ 349C39

■ B09CAF

■ 249C2A

■ C09CBE

■ 149C1B

■ D09CCD

■ 059C0C

■ DF9CDC

■ 009C07

■ EF9CEB

■ FE9CFA

# Harmonies

## Analogous

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



8E9664



729C74



559F8C

# Triad

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



729C74



6996C2



C3807F

# Complementary

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



729C74



9C729A

# 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.



BE8098



729C74



8E8DBF

# Square

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



729C74



499CB9



AC85AF



BA866B

# Rectangle

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



729C74



469F9D



AC85AF



C37F87



# Sweetspot

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



729C74



BCCCBC



9B9C72



5C665C



E6E6E6



666666



# Same Dimension

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



729C74



8BCC8E



729C88



474F48



008F07



000F01



# Inverse Universe

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



9C729A



CC8BC9



9C7286



4F474F



8F0088



0F000F



# Previews

## White Background



This preview shows how the Hex color 729C74 looks on a white background.

## Color Contrast Check

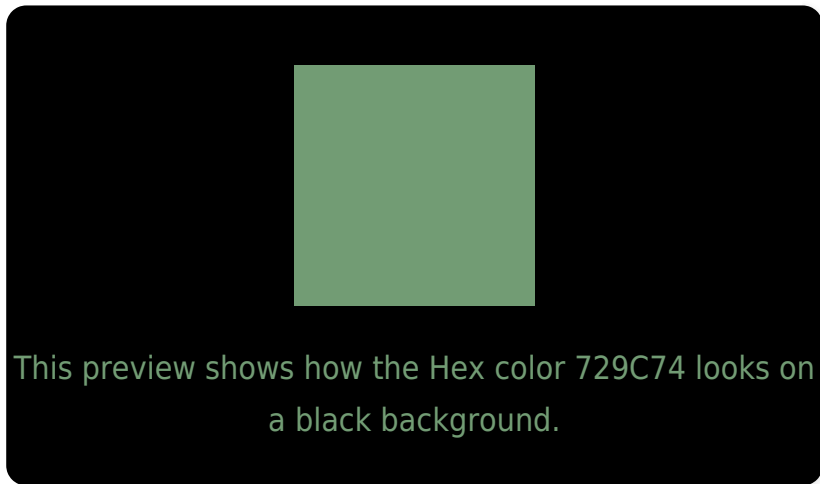
Large Text (above 18pt) WCAG AA ✓ Pass

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 729C74 Background



This preview shows how black text looks on a background with the Hex color 729C74.

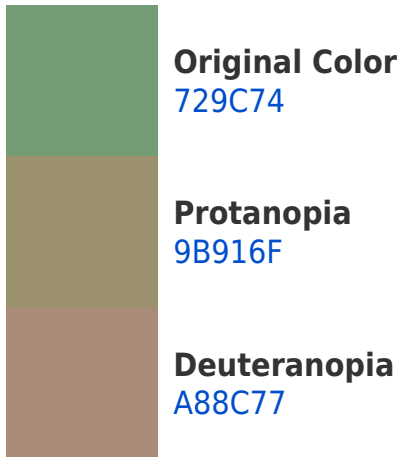


This preview shows how white text looks on a background with the Hex color 729C74.

# 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](#).

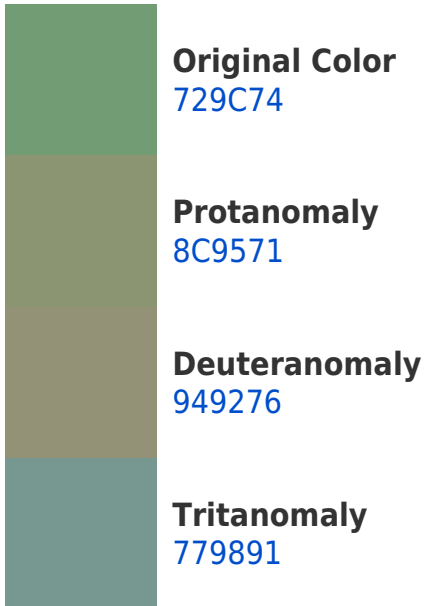
## Dichromacy



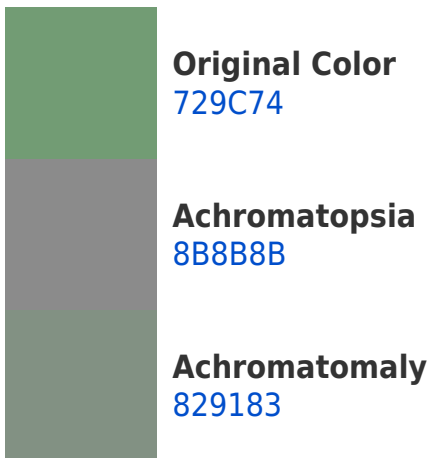


**Tritanopia**  
7A96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 729C74 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 #729C74 looks like.

```
.text, #text, p{  
    color:#729C74  
}
```

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 #729C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729C74
}
```

## Border

The CSS property to change the border of an element to Hex 729C74 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
#729C74 }
```

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

```
.border{ border-color:#729C74 }
```

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

Here you see how a box with a 4 pixel #729C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729C74; -webkit-box-shadow:4px 4px  
4px 4px #729C74; box-shadow:4px 4px 4px  
4px #729C74 }
```

# Background

The CSS property to change the background color of an element to Hex 729C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729C74 }
```

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

```
.background{ background-color:#729C74 }
```

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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