

# Converting Colors

Hex(729C6E)

Have a look what the booklet for  
Hex(729C6E) contains.

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# Color

Hex(729C6E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	729C6E
RGB	114, 156, 110
RGB Percent	45%, 61%, 43%
CMY	0.5529, 0.3882, 0.5686
CMYK	0.27, 0.00, 0.29, 0.39
HSL	115°, 19%, 52%
HSV	115°, 29%, 61%
XYZ	21.6424, 28.4801, 19.1084
YIQ	138.1980, -10.2660, -23.2100

# Conversions

## Conversions Part 2

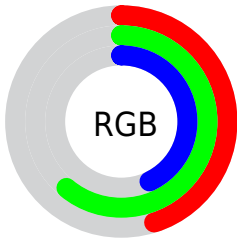
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 156, 152
Decimal	7511150
CIELab	60.32, -23.64, 19.61
CIELCh	60, 30.719, 140.324
Yxy	28.4801, 0.3126, 0.4114
Android (android.graphics.Color)	4285701230 (0xFF729C6E)
YUV	138.1980, -13.9016, -21.2216
Hunter-Lab	53.3668, -21.0030, 16.1275

# Details

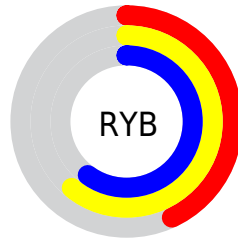
The Hex color **729C6E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **986E9C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A7D3A2**, and **40683E** is the 20% darker color. If you saturate the color by 10%, you get **649C5E**, and if you desaturate by 10%, it is **809C7E**.

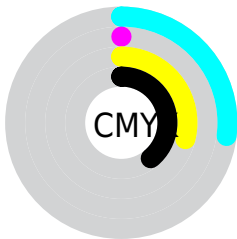
# Distribution



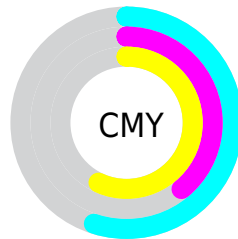
- Red (45%)
- Green (61%)
- Blue (43%)



- Red (43%)
- Yellow (61%)
- Blue (60%)



- Cyan (27%)
- Magenta (0%)
- Yellow (29%)
- Black (39%)



- Cyan (55%)
- Magenta (39%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 729C6E 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 729C6E by changing the saturation by 10% instead.



 729C6E

 729C6E

FFFFFF

 598255

 A7D3A2

 40683E

 C2EFBD

 285028

 DFFFD9

 103912

 FBFFF5

 002300

 000200

 000000

 729C6E

 729C6E

 649C5E

 809C7E

 569C4F

 8E9C8D

 479C3F

 9D9C9D

 399C30

 AB9CAC

 2B9C20

 B99CBC

 1D9C10

 C79CCC

 0E9C01

 D69CDB

 0E9C00

 E49CEB

 F29CFA

# Harmonies

## Analogous

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



91965E



729C6E



51A087

# Triad

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



729C6E



5E97C6



C77D80

# Complementary

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



729C6E



986E9C

# 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.



C17E9B



729C6E



888EC4

# Square

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



729C6E



379DBA



AB84B4



BF8469

# Rectangle

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



729C6E



3BA09A



AB84B4



C77D89



# Sweetspot

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



729C6E



BBCCBA



9C976E



5C665B



E6E6E6



666666



# Same Dimension

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



729C6E



8BCC85



6E9C80



484F47



0C8F00



010F00



# Inverse Universe

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



986E9C



C685CC



9C6E8A



4E474F



82008F



0E000F



# Previews

## White Background



This preview shows how the Hex color 729C6E looks on a white background.

## Color Contrast Check

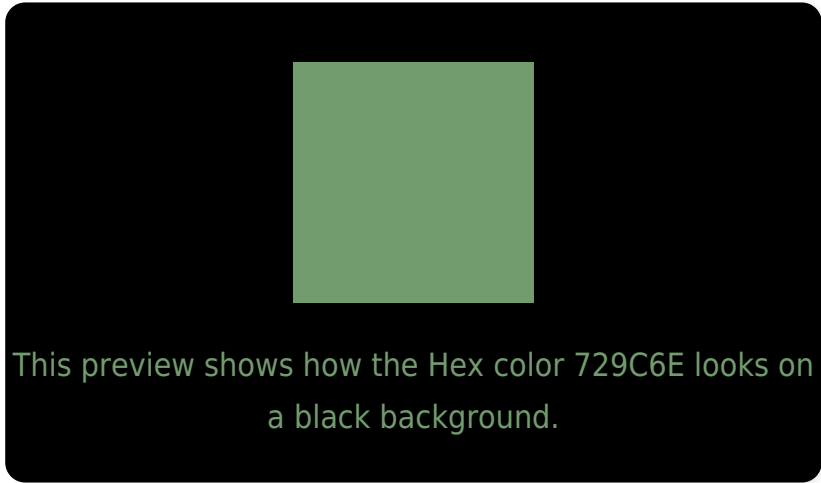
Large Text (above 18pt) WCAG AA ✓ Pass

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

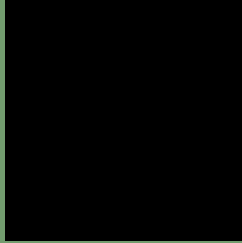
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 729C6E Background



This preview shows how black text looks on a background with the Hex color 729C6E.



This preview shows how white text looks on a background with the Hex color 729C6E.

# 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



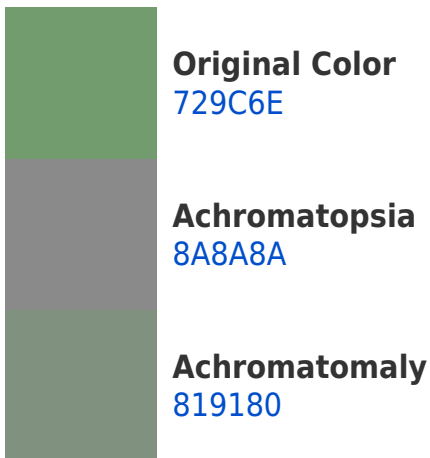


**Tritanopia**  
7B95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 729C6E 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 #729C6E looks like.

```
.text, #text, p{  
    color:#729C6E  
}
```

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 #729C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729C6E
}
```

## Border

The CSS property to change the border of an element to Hex 729C6E 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
#729C6E }
```

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

```
.border{ border-color:#729C6E }
```

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

Here you see how a box with a 4 pixel #729C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729C6E; -webkit-box-shadow:4px 4px  
4px 4px #729C6E; box-shadow:4px 4px 4px  
4px #729C6E }
```

# Background

The CSS property to change the background color of an element to Hex 729C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729C6E }
```

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

```
.background{ background-color:#729C6E }
```

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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