

# Converting Colors

Hex(729B6D)

Have a look what the booklet for  
Hex(729B6D) contains.

<b>Hex(729B6D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(729B6D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	729B6D
RGB	114, 155, 109
RGB Percent	45%, 61%, 43%
CMY	0.5529, 0.3922, 0.5725
CMYK	0.26, 0.00, 0.30, 0.39
HSL	113°, 19%, 52%
HSV	113°, 30%, 61%
XYZ	21.4211, 28.1242, 18.7675
YIQ	137.4970, -9.6700, -22.9980

# Conversions

## Conversions Part 2

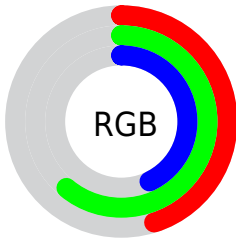
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 155, 150
Decimal	7510893
CIELab	60.00, -23.31, 19.73
CIELCh	60, 30.541, 139.754
Yxy	28.1242, 0.3136, 0.4117
Android (android.graphics.Color)	4285700973 (0xFF729B6D)
YUV	137.4970, -14.0490, -20.6069
Hunter-Lab	53.0323, -20.7058, 16.1406

# Details

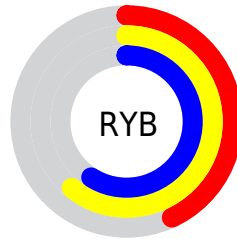
The Hex color **729B6D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **966D9B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A7D2A1**, and **40683D** is the 20% darker color. If you saturate the color by 10%, you get **649B5E**, and if you desaturate by 10%, it is **809B7C**.

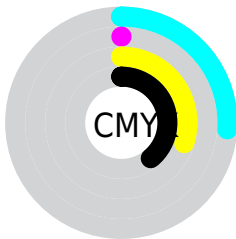
# Distribution



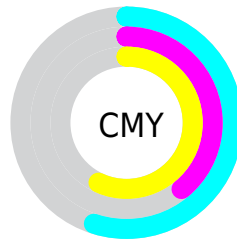
- Red (45%)
- Green (61%)
- Blue (43%)



- Red (43%)
- Yellow (61%)
- Blue (59%)



- Cyan (26%)
- Magenta (0%)
- Yellow (30%)
- Black (39%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 729B6D 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 729B6D by changing the saturation by 10% instead.



 729B6D

 729B6D

FFFFFF

 598154


 A7D2A1

 40683D

 C2EEBC

 294F27

 DFFFD8

 113811

 FBFFF4

 002300

 000000

 729B6D

 729B6D

 649B5E

 809B7C

 569B4E

 8E9B8C

499B3F

9B9B9B

3B9B2F

A99BAB

2D9B20

B79BBA

1F9B10

C59BCA

119B01

D39BDA

119B00

E19BE9

EE9BF9

# Harmonies

## Analogous

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



91945D



729B6D



519F86

# Triad

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



729B6D



5C96C5



C67D80

# Complementary

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



729B6D



966D9B

# 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.



BF7D9B



729B6D



878DC3

# Square

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



729B6D



369CB9



AA83B4



BE8369

# Rectangle

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



729B6D



3C9F99



AA83B4



C57C89



# Sweetspot

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



729B6D



B9C9B7



9B966D



5C665B



E6E6E6



666666



# Same Dimension

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



729B6D



89C981



6D9B7F



464D45



0F8C00



010D00



# Inverse Universe

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



966D9B



C281C9



9B6D89



4C454D



7D008C



0B000D



# Previews

## White Background



This preview shows how the Hex color 729B6D looks on a white background.

## Color Contrast Check

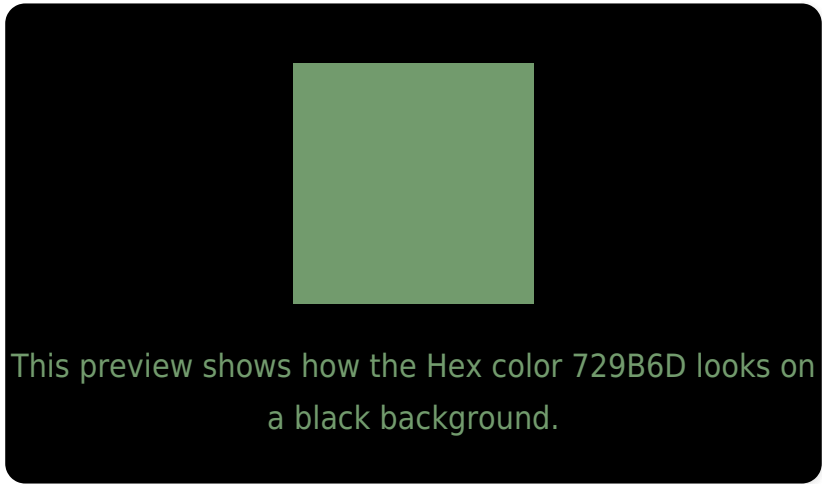
Large Text (above 18pt) WCAG AA ✓ Pass

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

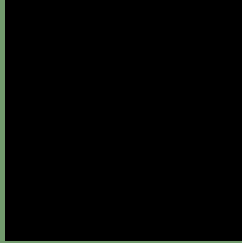
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 729B6D Background



This preview shows how black text looks on a background with the Hex color 729B6D.



This preview shows how white text looks on a background with the Hex color 729B6D.

# 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](#).

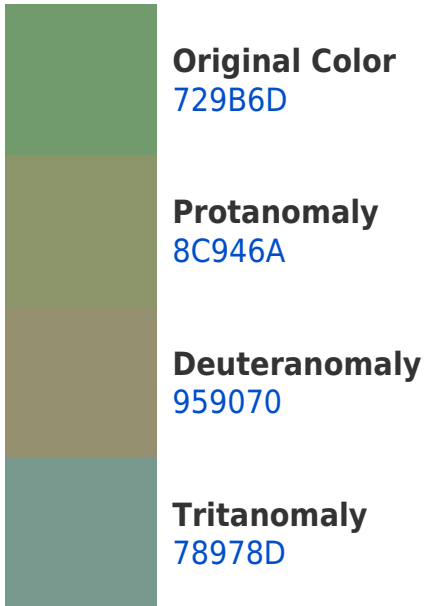
## Dichromacy



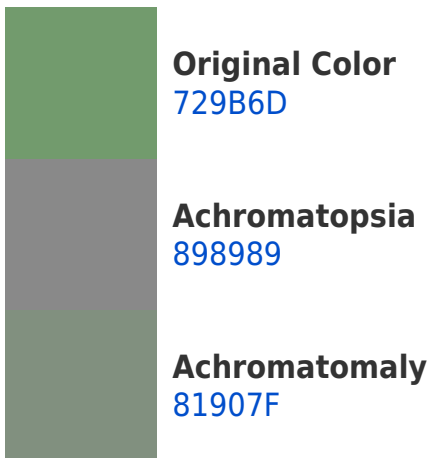


**Tritanopia**  
7B94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 729B6D 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 #729B6D looks like.

```
.text, #text, p{  
    color:#729B6D  
}
```

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 #729B6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729B6D
}
```

## Border

The CSS property to change the border of an element to Hex 729B6D 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
#729B6D }
```

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

```
.border{ border-color:#729B6D }
```

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

Here you see how a box with a 4 pixel #729B6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729B6D; -webkit-box-shadow:4px 4px  
4px 4px #729B6D; box-shadow:4px 4px 4px  
4px #729B6D }
```

# Background

The CSS property to change the background color of an element to Hex 729B6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729B6D }
```

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

```
.background{ background-color:#729B6D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor