

# Converting Colors

Hex(729561)

Have a look what the booklet for  
Hex(729561) contains.

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# Color

**Hex(729561)**

# Conversions

## Conversions Part 1

Format	Color
Hex	729561
RGB	114, 149, 97
RGB Percent	45%, 58%, 38%
CMY	0.5529, 0.4157, 0.6196
CMYK	0.23, 0.00, 0.35, 0.42
HSL	100°, 21%, 48%
HSV	100°, 35%, 58%
XYZ	19.8445, 25.9354, 15.2694
YIQ	132.6070, -4.1680, -23.5920

# Conversions

## Conversions Part 2

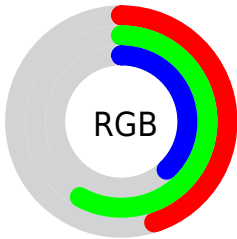
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 149, 132
Decimal	7509345
CIE <sub>Lab</sub>	57.98, -22.24, 23.64
CIE <sub>LCh</sub>	58, 32.453, 133.255
Yxy	25.9354, 0.3251, 0.4248
Android (android.graphics.Color)	4285699425 (0xFF729561)
YUV	132.6070, -17.5543, -16.3183
Hunter-Lab	50.9268, -19.5661, 17.8718

# Details

The Hex color **729561** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **846195**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A7CB94**, and **406232** is the 20% darker color. If you saturate the color by 10%, you get **689552**, and if you desaturate by 10%, it is **7C9570**.

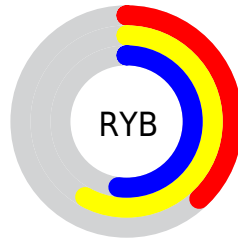
# Distribution



Red (45%)

Green (58%)

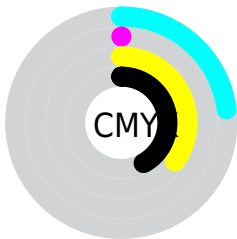
Blue (38%)



Red (38%)

Yellow (58%)

Blue (52%)

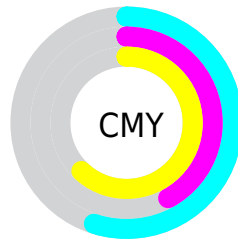


Cyan (23%)

Magenta (0%)

Yellow (35%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 729561 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 729561 by changing the saturation by 10% instead.



 729561

 729561

FFFFFF

 597B49

 A7CB94

 406232

 C2E7AF

 294A1C

 DEFFCA

 123304

 FBFFE7

 001F00

 000000

 729561

 729561

 689552

 7C9570

 5E9543

 86957F

■ 549534

■ 90958E

■ 4A9525

■ 9A959D

■ 409516

■ A495AB

■ 369508

■ AE95BA

■ 319500

■ B895C9

■ C295D8

■ CC95E7

# Harmonies

## Analogous

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



928E53



729561



4E997A

# Triad

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



729561



4693C1



C37580

# Complementary

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



729561



846195

# 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.



B9779C



729561



778AC2

# Square

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



729561



1598B1



9F7FB5



BE7B66

# Rectangle

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



729561



339B8E



9F7FB5



C17589



# Sweetspot

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



729561



B5C2AE



958461



596155



E0E0E0



616161



# Same Dimension

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



729561



8BC270



61956A



454A43



2D8A00



030A00



# Inverse Universe

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



846195



A770C2



95618C



48434A



5D008A



07000A



# Previews

## White Background



This preview shows how the Hex color 729561 looks on a white background.

## Color Contrast Check

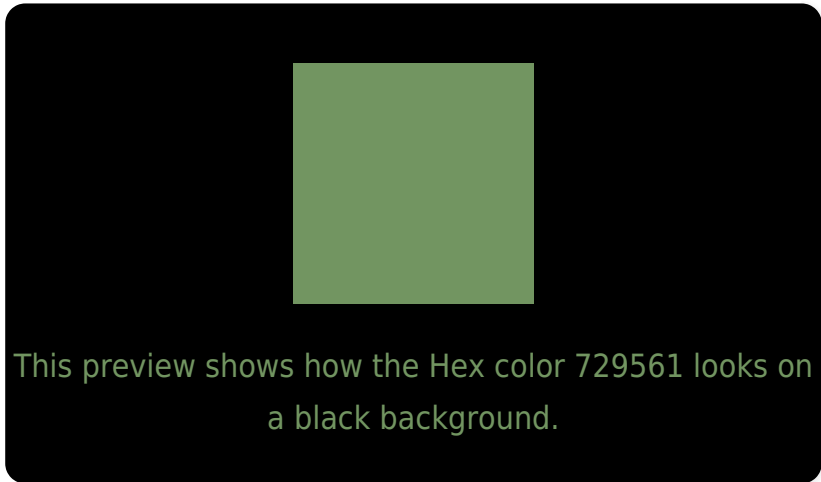
Large Text (above 18pt) WCAG AA ✓ Pass

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

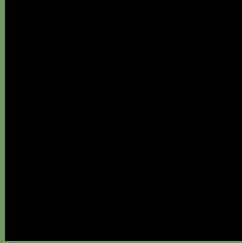
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 729561 Background



This preview shows how black text looks on a background with the Hex color 729561.



This preview shows how white text looks on a background with the Hex color 729561.

# 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



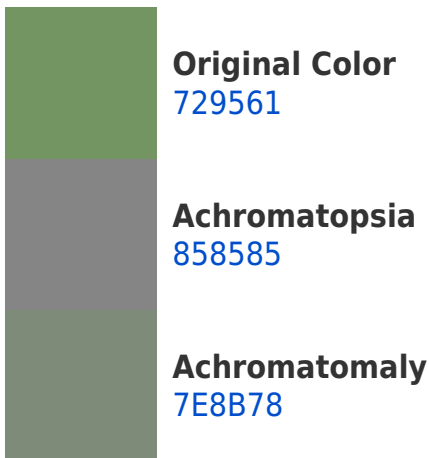


**Tritanopia**  
7B8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 729561 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 #729561 looks like.

```
.text, #text, p{  
    color:#729561  
}
```

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 #729561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #729561
}
```

## Border

The CSS property to change the border of an element to Hex 729561 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
#729561 }
```

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

```
.border{ border-color:#729561 }
```

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

Here you see how a box with a 4 pixel #729561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #729561; -webkit-box-shadow:4px 4px  
4px 4px #729561; box-shadow:4px 4px 4px  
4px #729561 }
```

# Background

The CSS property to change the background color of an element to Hex 729561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#729561 }
```

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

```
.background{ background-color:#729561 }
```

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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