

Converting Colors

Hex(749A61)

Have a look what the booklet for
Hex(749A61) contains.

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Color

Hex(749A61)

Conversions

Conversions Part 1

Format	Color
Hex	749A61
RGB	116, 154, 97
RGB Percent	45%, 60%, 38%
CMY	0.5451, 0.3961, 0.6196
CMYK	0.25, 0.00, 0.37, 0.40
HSL	100°, 23%, 49%
HSV	100°, 37%, 60%
XYZ	20.9157, 27.6873, 15.5511
YIQ	136.1400, -4.3510, -25.7830

Conversions

Conversions Part 2

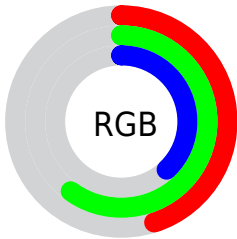
Format	Color
RYB	97, 154, 135
Decimal	7641697
CIELab	59.61, -24.02, 25.81
CIELCh	60, 35.257, 132.940
Yxy	27.6873, 0.3260, 0.4316
Android (android.graphics.Color)	4285831777 (0xFF749A61)
YUV	136.1400, -19.2960, -17.6628
Hunter-Lab	52.6187, -21.1297, 19.3104

Details

The Hex color **749A61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **87619A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A9D194**, and **426731** is the 20% darker color. If you saturate the color by 10%, you get **6A9A52**, and if you desaturate by 10%, it is **7E9A70**.

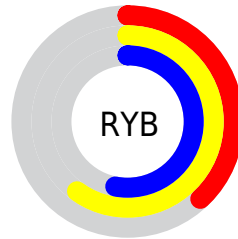
Distribution



Red (45%)

Green (60%)

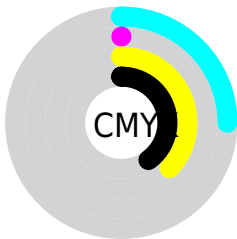
Blue (38%)



Red (38%)

Yellow (60%)

Blue (53%)

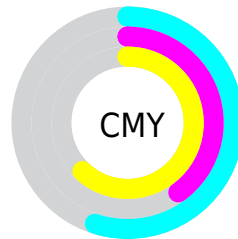


Cyan (25%)

Magenta (0%)

Yellow (37%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749A61 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 749A61 by changing the saturation by 10% instead.

 749A61

 749A61

FFFFFF

 5B8049

 A9D194

 426731

 C5EDAF

 2A4E1B

 E1FFCB

 123703

 FEF7E7

 002200

 000000

 749A61

 749A61

 6A9A52

 7E9A70

 5F9A42

 899A80

■ 559A33

■ 939A8F

■ 4B9A23

■ 9D9A9F

■ 419A14

■ A79AAE

■ 369A05

■ B29ABD

■ 339A00

■ BC9ACD

■ C69ADC

■ D09AEC

Harmonies

Analogous

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



969252



749A61



4C9F7C

Triad

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



749A61



3E98CA



CC7783

Complementary

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



749A61



87619A

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.



C179A3



749A61



788ECC

Square

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



749A61



009EB9



A483BD



C67D67

Rectangle

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



749A61



2AA092



A483BD



CA778E

Sweetspot

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



749A61



BBC9B3



9A8761



5D6659



E6E6E6



666666

Same Dimension

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



749A61



8EC971



619A6A



474D45



2F8C00



040D00

Inverse Universe

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



87619A



AC71C9



9A6190



4A454D



5E008C



09000D

Previews

White Background



This preview shows how the Hex color 749A61 looks on a white background.

Color Contrast Check

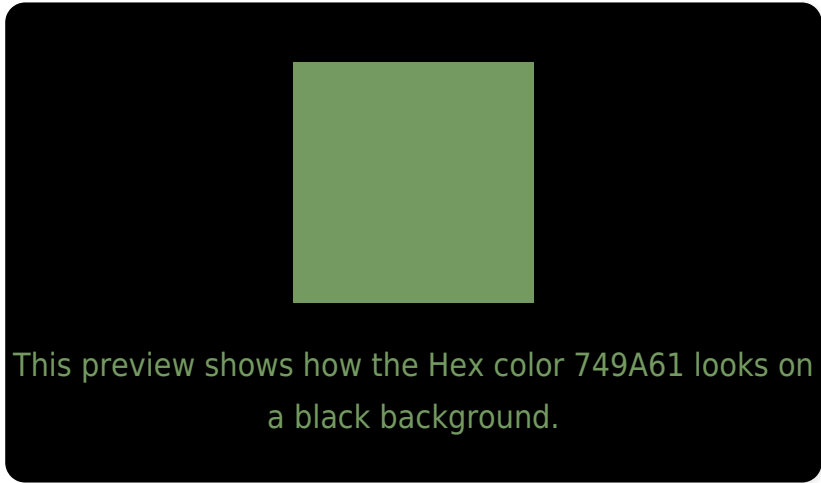
Large Text (above 18pt) WCAG AA ✓ Pass

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 749A61 Background



This preview shows how black text looks on a background with the Hex color 749A61.

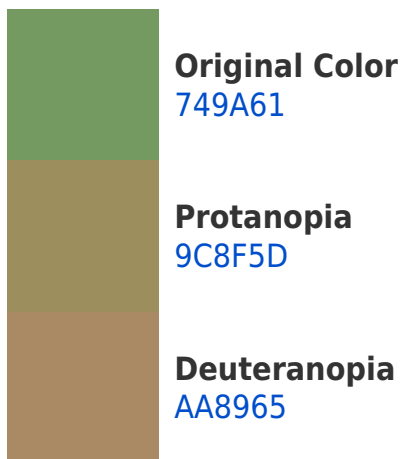


This preview shows how white text looks on a background with the Hex color 749A61.

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



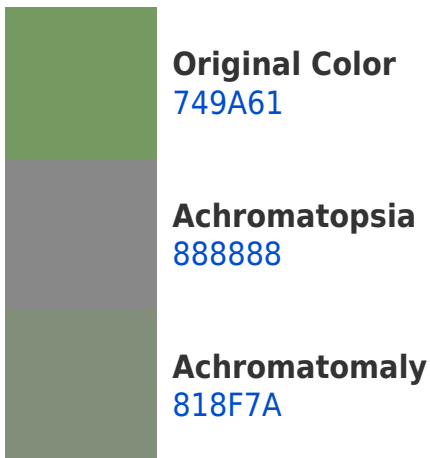


Tritanopia
7E939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749A61 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 #749A61 looks like.

```
.text, #text, p{  
    color:#749A61  
}
```

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 #749A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749A61
}
```

Border

The CSS property to change the border of an element to Hex 749A61 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
#749A61 }
```

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

```
.border{ border-color:#749A61 }
```

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

Here you see how a box with a 4 pixel #749A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749A61; -webkit-box-shadow:4px 4px  
4px 4px #749A61; box-shadow:4px 4px 4px  
4px #749A61 }
```

Background

The CSS property to change the background color of an element to Hex 749A61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749A61 }
```

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

```
.background{ background-color:#749A61 }
```

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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