

Converting Colors

Hex(749A5D)

Have a look what the booklet for
Hex(749A5D) contains.

Hex(749A5D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(749A5D)

Conversions

Conversions Part 1

Format	Color
Hex	749A5D
RGB	116, 154, 93
RGB Percent	45%, 60%, 36%
CMY	0.5451, 0.3961, 0.6353
CMYK	0.25, 0.00, 0.40, 0.40
HSL	97°, 25%, 48%
HSV	97°, 40%, 60%
XYZ	20.7338, 27.6145, 14.5933
YIQ	135.6840, -3.0670, -27.0270

Conversions

Conversions Part 2

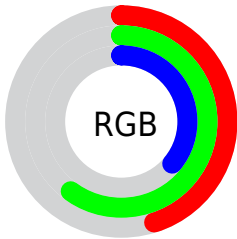
Format	Color
R_{YB}	93, 154, 131
Decimal	7641693
CIE Lab	59.54, -24.61, 27.89
CIE LCh	60, 37.194, 131.427
Yxy	27.6145, 0.3294, 0.4387
Android (android.graphics.Color)	4285831773 (0xFF749A5D)
YUV	135.6840, -21.0432, -17.2629
Hunter-Lab	52.5495, -21.5330, 20.3195

Details

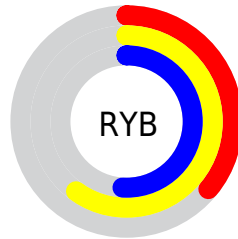
The Hex color **749A5D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **835D9A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A9D190**, and **42672E** is the 20% darker color. If you saturate the color by 10%, you get **6A9A4E**, and if you desaturate by 10%, it is **7E9A6C**.

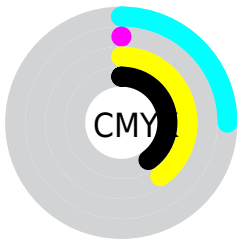
Distribution



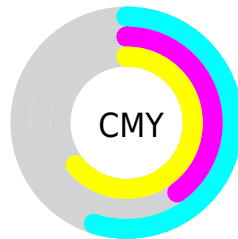
- Red (45%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (60%)
- Blue (51%)



- Cyan (25%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)



- Cyan (55%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749A5D 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 749A5D by changing the saturation by 10% instead.

 749A5D

 749A5D

FFFFFF

 5B8045

 A9D190

 42672E

 C5EDAB

 2A4E17

 E1FFC6

 123700

 FEF FE2

 002200

 000000

 749A5D

 749A5D

 6A9A4E

 7E9A6C

 619A3E

 879A7C

■ 579A2F

■ 919A8B

■ 4E9A1F

■ 9A9A9B

■ 449A10

■ A49AAA

■ 3A9A01

■ AE9AB9

■ 3A9A00

■ B79AC9

■ C19AD8

■ CA9AE8

Harmonies

Analogous

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



98914E



749A5D



499F79

Triad

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



749A5D



2F98CD



CE7584

Complementary

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



749A5D



835D9A

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.



C278A5



749A5D



738ECF

Square

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



749A5D



009FBA



A382C1



C97B66

Rectangle

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



749A5D



1FA190



A382C1



CC758F

Sweetspot

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



749A5D



BAC9B1



9A835D



5D6658



E6E6E6



666666

Same Dimension

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



749A5D



8DC969



5D9A64



484D45



358C00



050D00

Inverse Universe

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



835D9A



A569C9



9A5D93



4A454D



57008C



08000D

Previews

White Background



This preview shows how the Hex color 749A5D looks on a white background.

Color Contrast Check

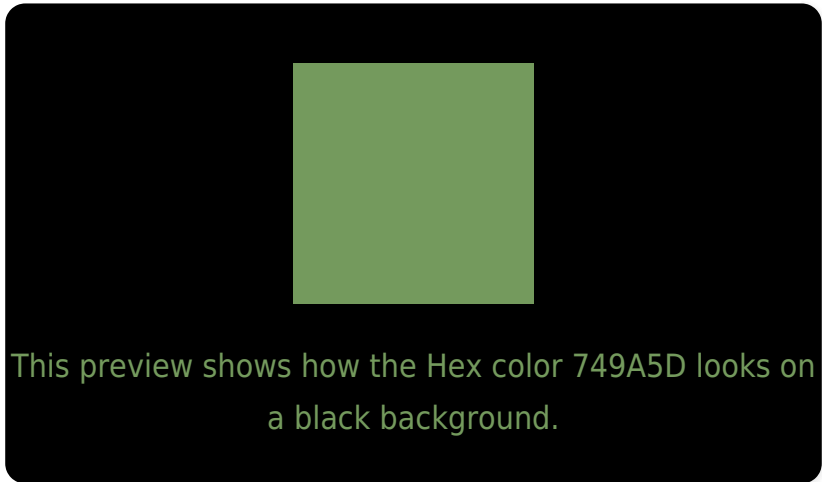
Large Text (above 18pt) WCAG AA ✓ Pass

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

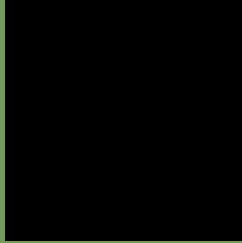
Any Text WCAG AA ✓ Pass

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 749A5D Background



This preview shows how black text looks on a background with the Hex color 749A5D.



This preview shows how white text looks on a background with the Hex color 749A5D.

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



Original Color
749A5D

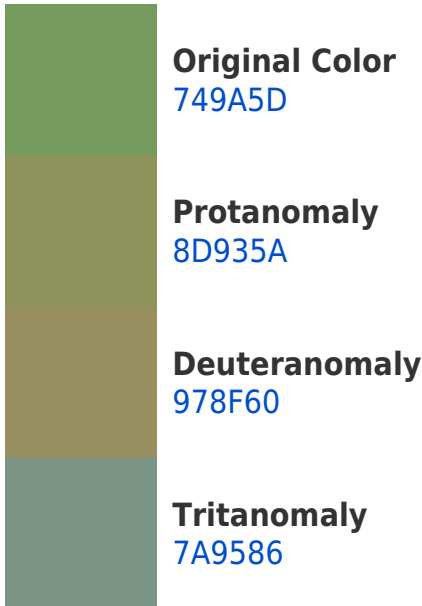
Protanopia
9C8F59

Deuteranopia
AB8961

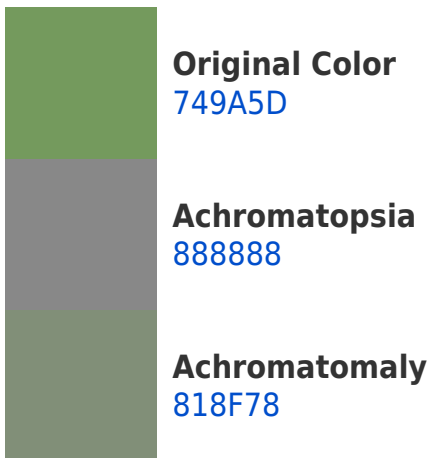


Tritanopia
7E929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749A5D 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 #749A5D looks like.

```
.text, #text, p{  
    color:#749A5D  
}
```

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 #749A5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749A5D
}
```

Border

The CSS property to change the border of an element to Hex 749A5D 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
#749A5D }
```

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

```
.border{ border-color:#749A5D }
```

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

Here you see how a box with a 4 pixel #749A5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749A5D; -webkit-box-shadow:4px 4px  
4px 4px #749A5D; box-shadow:4px 4px 4px  
4px #749A5D }
```

Background

The CSS property to change the background color of an element to Hex 749A5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749A5D }
```

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

```
.background{ background-color:#749A5D }
```

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