

Converting Colors

Hex(749D51)

Have a look what the booklet for
Hex(749D51) contains.

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Color

Hex(749D51)

Conversions

Conversions Part 1

Format	Color
Hex	749D51
RGB	116, 157, 81
RGB Percent	45%, 62%, 32%
CMY	0.5451, 0.3843, 0.6824
CMYK	0.26, 0.00, 0.48, 0.38
HSL	92°, 32%, 47%
HSV	92°, 48%, 62%
XYZ	20.7446, 28.4210, 12.1770
YIQ	136.0770, -0.0400, -32.3280

Conversions

Conversions Part 2

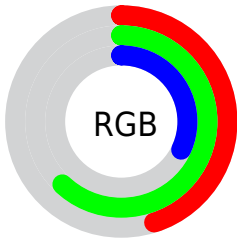
Format	Color
R_{YB}	81, 157, 122
Decimal	7642449
CIE _{Lab}	60.27, -27.70, 35.14
CIE _{LCh}	60, 44.740, 128.247
Yxy	28.4210, 0.3382, 0.4633
Android (android.graphics.Color)	4285832529 (0xFF749D51)
YUV	136.0770, -27.1530, -17.6075
Hunter-Lab	53.3114, -23.8366, 23.7753

Details

The Hex color **749D51** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7A519D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **AAD484**, and **416921** is the 20% darker color. If you saturate the color by 10%, you get **6C9D41**, and if you desaturate by 10%, it is **7C9D61**.

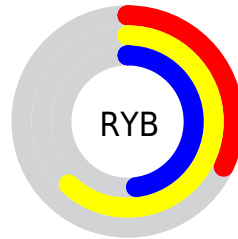
Distribution



Red (45%)

Green (62%)

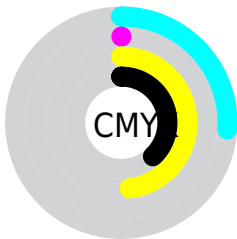
Blue (32%)



Red (32%)

Yellow (62%)

Blue (48%)

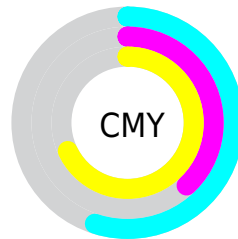


Cyan (26%)

Magenta (0%)

Yellow (48%)

Black (38%)



Cyan (55%)

Magenta (38%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749D51 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 749D51 by changing the saturation by 10% instead.



749D51



749D51

FFFFFF



5A8339



AAD484



416921



C6F09E



285107



E2FFBA



113A00



FFFFD6



002400



FFFFF2



000200



000000



749D51



749D51



6C9D41



7C9D61

 639D32

 859D70

 5B9D22

 8D9D80

 529D12

 969D90

 4A9D02

 9E9DA0

 489D00

 A79DAF

 AF9DBF

 B89DCF

 C09DDE

Harmonies

Analogous

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



9E9340



749D51



3BA373

Triad

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



749D51



009DDA



DB7088

Complementary

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



749D51



7A519D

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.



CA75AF



749D51



6292DF

Square

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



749D51



00A4C1



A383CF



D67762

Rectangle

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



749D51



00A58E



A383CF



D87095

Sweetspot

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



749D51



BBCCAD



9D7A51



5C6654



E6E6E6



666666

Same Dimension

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



749D51



8CCC56



519D54



4B4F47



428F00



070F00

Inverse Universe

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



7A519D



9656CC



9D519A



4B474F



4D008F



08000F

Previews

White Background



This preview shows how the Hex color 749D51 looks on a white background.

Color Contrast Check

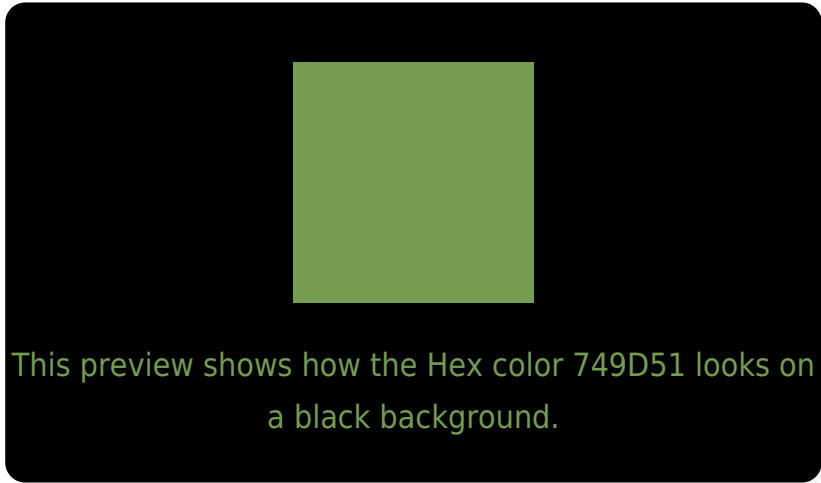
Large Text (above 18pt) WCAG AA ✓ Pass

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 749D51 Background



This preview shows how black text looks on a background with the Hex color 749D51.

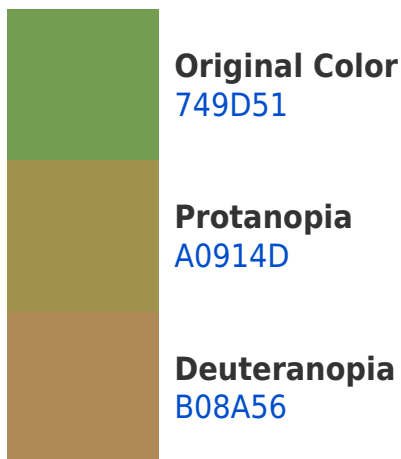


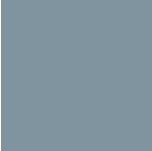
This preview shows how white text looks on a background with the Hex color 749D51.

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



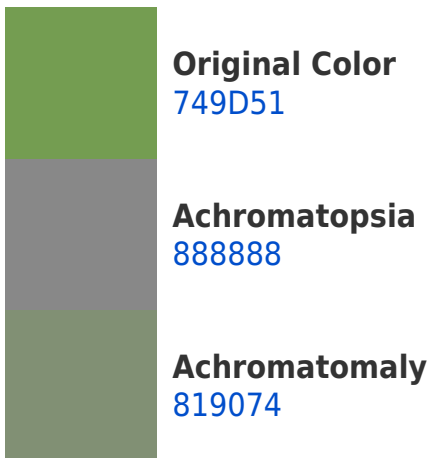


Tritanopia
8094A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749D51 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 #749D51 looks like.

```
.text, #text, p{  
    color:#749D51  
}
```

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 #749D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749D51
}
```

Border

The CSS property to change the border of an element to Hex 749D51 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
#749D51 }
```

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

```
.border{ border-color:#749D51 }
```

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

Here you see how a box with a 4 pixel #749D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749D51; -webkit-box-shadow:4px 4px  
4px 4px #749D51; box-shadow:4px 4px 4px  
4px #749D51 }
```

Background

The CSS property to change the background color of an element to Hex 749D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749D51 }
```

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

```
.background{ background-color:#749D51 }
```

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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