

Converting Colors

Hex(74AB51)

Have a look what the booklet for
Hex(74AB51) contains.

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Color

Hex(74AB51)

Conversions

Conversions Part 1

Format	Color
Hex	74AB51
RGB	116, 171, 81
RGB Percent	45%, 67%, 32%
CMY	0.5451, 0.3294, 0.6824
CMYK	0.32, 0.00, 0.53, 0.33
HSL	97°, 36%, 49%
HSV	97°, 53%, 67%
XYZ	23.2506, 33.4329, 13.0123
YIQ	144.2950, -3.8900, -39.6500

Conversions

Conversions Part 2

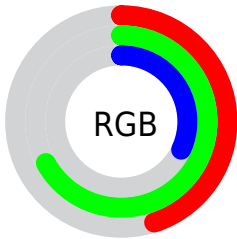
Format	Color
RYB	81, 171, 136
Decimal	7646033
CIELab	64.51, -34.32, 40.30
CIELCh	65, 52.931, 130.421
Yxy	33.4329, 0.3336, 0.4797
Android (android.graphics.Color)	4285836113 (0xFF74AB51)
YUV	144.2950, -31.2044, -24.8147
Hunter-Lab	57.8212, -29.4102, 27.1319

Details

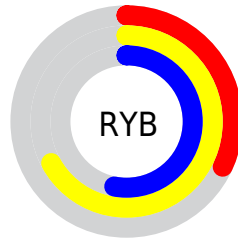
The Hex color **74AB51** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8851AB**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **AAE384**, and **3F761F** is the 20% darker color. If you saturate the color by 10%, you get **6AAB40**, and if you desaturate by 10%, it is **7EAB62**.

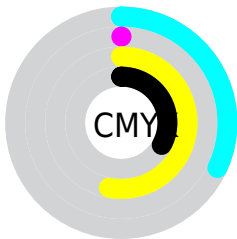
Distribution



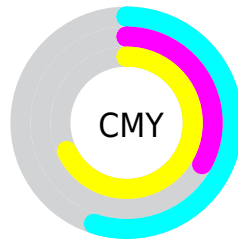
- Red (45%)
- Green (67%)
- Blue (32%)



- Red (32%)
- Yellow (67%)
- Blue (53%)



- Cyan (32%)
- Magenta (0%)
- Yellow (53%)
- Black (33%)



- Cyan (55%)
- Magenta (33%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74AB51 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 74AB51 by changing the saturation by 10% instead.

 74AB51

 74AB51

FFFFFF

 5A9038

 AAE384

 3F761F


 C7FF9F

 255D02

 E3FFBB

 064500

 FFFFD7

 002E00

 FFFFF4

 001800

 000000

 74AB51

 74AB51

 6AAB40

 7EAB62

 5FAB2F

 89AB73

 55AB1E

 93AB84

 4AAB0D

 9EAB95

 42AB00

 A8ABA6

 B3ABB8

 BDABC9

 C8ABDA

 D2ABEB

Harmonies

Analogous

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



A79F3A



74AB51



1DB27B

Triad

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



74AB51



00AAF5



F4738E

Complementary

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



74AB51



8851AB

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.



E378BD



74AB51



669CF9

Square

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



74AB51



00B2D9



B589E5



EC7D61

Rectangle

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



74AB51



00B49C



B589E5



F1739E

Sweetspot

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



74AB51



C8DEBA



AB8751



63705B



F0F0F0



707070

Same Dimension

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



74AB51



88DE52



51AB5A



51574E



3B9600



091700

Inverse Universe

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



8851AB



A752DE



AB51A2



534E57



5C0096



0E0017

Previews

White Background



This preview shows how the Hex color 74AB51 looks on a white background.

Color Contrast Check

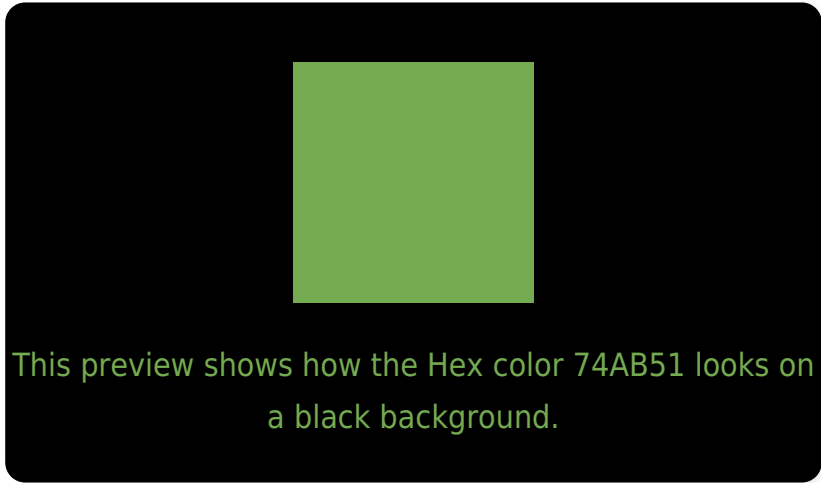
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 74AB51 Background



This preview shows how black text looks on a background with the Hex color 74AB51.

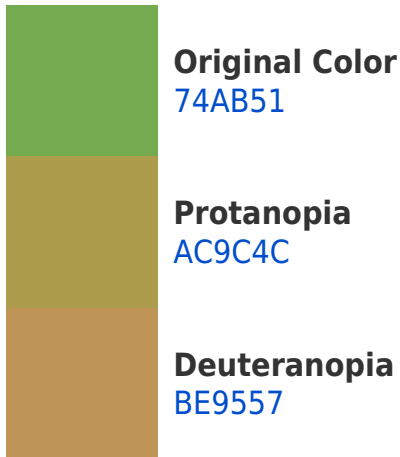


This preview shows how white text looks on a background with the Hex color 74AB51.

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](#).

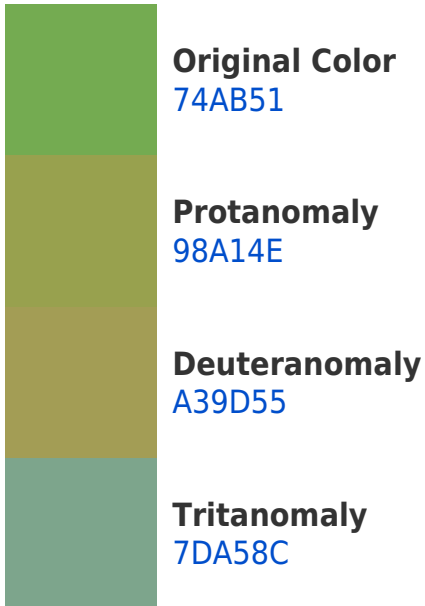
Dichromacy



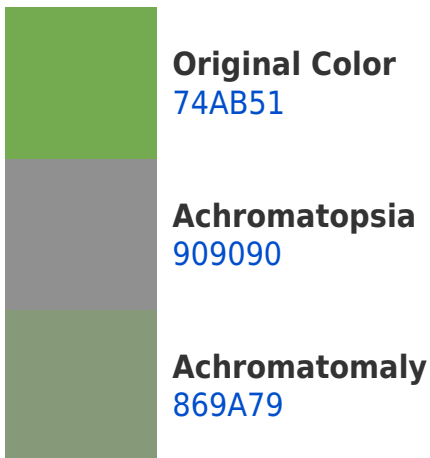


Tritanopia
82A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74AB51 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 #74AB51 looks like.

```
.text, #text, p{  
    color:#74AB51  
}
```

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 #74AB51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AB51
}
```

Border

The CSS property to change the border of an element to Hex 74AB51 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
#74AB51 }
```

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

```
.border{ border-color:#74AB51 }
```

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

Here you see how a box with a 4 pixel #74AB51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AB51; -webkit-box-shadow:4px 4px  
4px 4px #74AB51; box-shadow:4px 4px 4px  
4px #74AB51 }
```

Background

The CSS property to change the background color of an element to Hex 74AB51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AB51 }
```

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

```
.background{ background-color:#74AB51 }
```

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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