

Converting Colors

Hex(74A569)

Have a look what the booklet for
Hex(74A569) contains.

Hex(74A569)	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(74A569)

Conversions

Conversions Part 1

Format	Color
Hex	74A569
RGB	116, 165, 105
RGB Percent	45%, 65%, 41%
CMY	0.5451, 0.3529, 0.5882
CMYK	0.30, 0.00, 0.36, 0.35
HSL	109°, 25%, 53%
HSV	109°, 36%, 65%
XYZ	23.2074, 31.6432, 18.2492
YIQ	143.5090, -9.9440, -29.0480

Conversions

Conversions Part 2

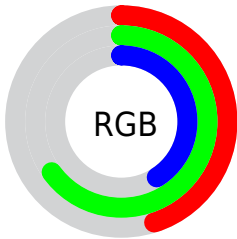
Format	Color
RYB	105, 165, 154
Decimal	7644521
CIELab	63.05, -28.21, 26.02
CIELCh	63, 38.374, 137.313
Yxy	31.6432, 0.3175, 0.4329
Android (android.graphics.Color)	4285834601 (0xFF74A569)
YUV	143.5090, -18.9849, -24.1254
Hunter-Lab	56.2523, -24.7997, 20.1419

Details

The Hex color **74A569** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A69A5**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A9DC9D**, and **417139** is the 20% darker color. If you saturate the color by 10%, you get **67A559**, and if you desaturate by 10%, it is **81A579**.

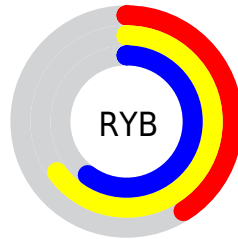
Distribution



Red (45%)

Green (65%)

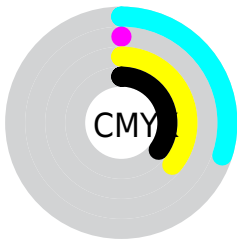
Blue (41%)



Red (41%)

Yellow (65%)

Blue (60%)

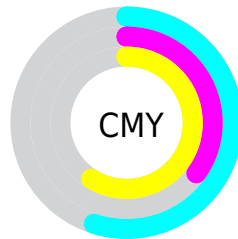


Cyan (30%)

Magenta (0%)

Yellow (36%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74A569 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 74A569 by changing the saturation by 10% instead.



74A569



74A569

FFFFFF



5A8A50



A9DC9D



417139



C5F9B8



295822



E2FFD4



0E400C



FFFFF0



002A00



001300



000000



74A569



74A569



67A559



81A579

 59A548

 8FA58A

 4CA537

 9CA59A

 3EA527

 AAA5AB

 31A516

 B7A5BB

 23A506

 C5A5CC

 1EA500

 D2A5DC

 E0A5ED

 EDA5FD

Harmonies

Analogous

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



9B9D56



74A569



45AA88

Triad

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



74A569



46A0DB



DB7E86

Complementary

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



74A569



9A69A5

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.



D17FA9



74A569



8695DA

Square

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



74A569



00A8CA



B588C7



D28668

Rectangle

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



74A569



11ABA0



B588C7



DA7D91

Sweetspot

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



74A569



C3D6BF



A59A69



606B5D



EBEBEB



6B6B6B

Same Dimension

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



74A569



89D678



69A57C



4B5249



1B9100



031200

Inverse Universe

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



9A69A5



C578D6



A56992



504952



770091



0F0012

Previews

White Background



This preview shows how the Hex color 74A569 looks on a white background.

Color Contrast Check

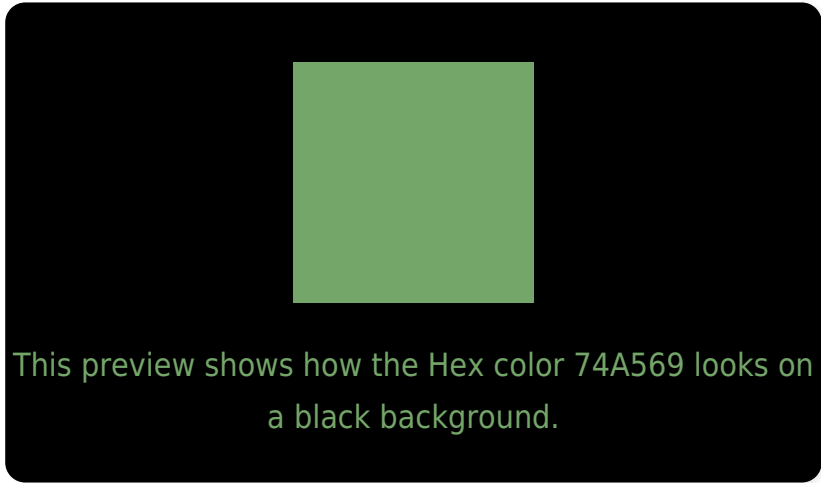
Large Text (above 18pt) WCAG AA × Fail

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 74A569 Background



This preview shows how black text looks on a background with the Hex color 74A569.

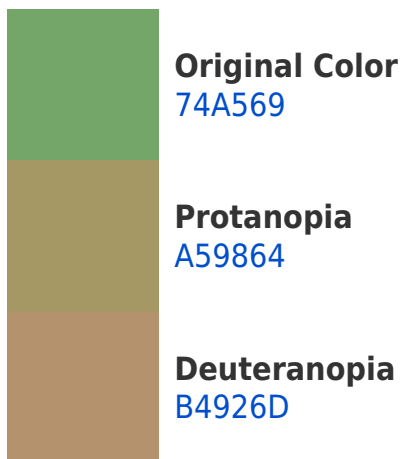


This preview shows how white text looks on a background with the Hex color 74A569.

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](#).

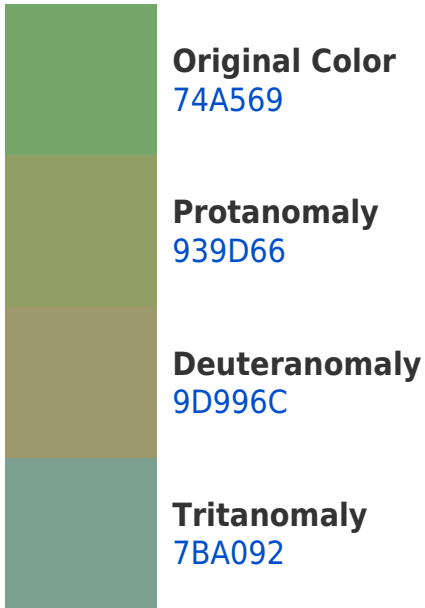
Dichromacy



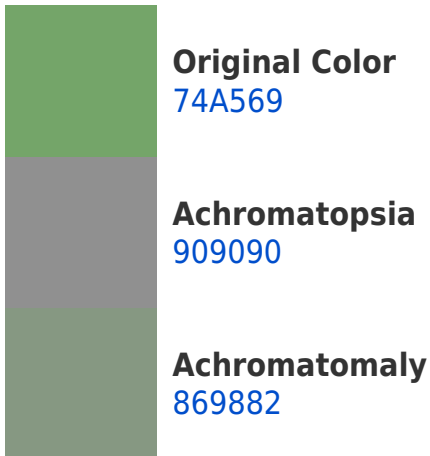


Tritanopia
7F9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74A569 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 #74A569 looks like.

```
.text, #text, p{  
    color:#74A569  
}
```

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 #74A569 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A569
}
```

Border

The CSS property to change the border of an element to Hex 74A569 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
#74A569 }
```

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

```
.border{ border-color:#74A569 }
```

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

Here you see how a box with a 4 pixel #74A569 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A569; -webkit-box-shadow:4px 4px  
4px 4px #74A569; box-shadow:4px 4px 4px  
4px #74A569 }
```

Background

The CSS property to change the background color of an element to Hex 74A569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A569 }
```

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

```
.background{ background-color:#74A569 }
```

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