

# Converting Colors

Hex(674A67)

Have a look what the booklet for  
Hex(674A67) contains.

<b>Hex(674A67)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(674A67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	674A67
RGB	103, 74, 103
RGB Percent	40%, 29%, 40%
CMY	0.5961, 0.7098, 0.5961
CMYK	0.00, 0.28, 0.00, 0.60
HSL	300°, 16%, 35%
HSV	300°, 28%, 40%
XYZ	10.4905, 8.7604, 13.9700
YIQ	85.9770, 7.9750, 15.1670

# Conversions

## Conversions Part 2

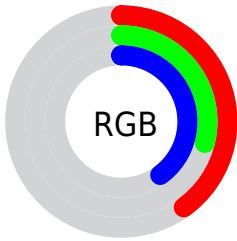
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 74, 103
Decimal	6769255
CIE <sub>Lab</sub>	35.52, 17.78, -12.05
CIE <sub>LCh</sub>	36, 21.474, 325.874
Yxy	8.7604, 0.3158, 0.2637
Android (android.graphics.Color)	4284959335 (0xFF674A67)
YUV	85.9770, 8.3923, 14.9292
Hunter-Lab	29.5980, 11.4698, -7.2658

# Details

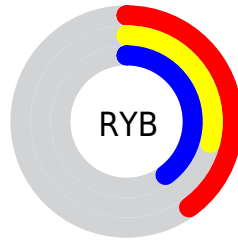
The Hex color **674A67** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A674A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9B7B9A**, and **371D38** is the 20% darker color. If you saturate the color by 10%, you get **674067**, and if you desaturate by 10%, it is **675467**.

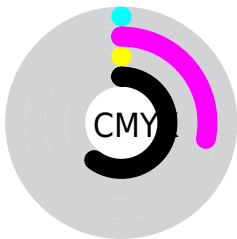
# Distribution



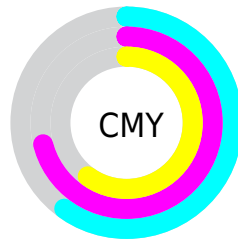
- Red (40%)
- Green (29%)
- Blue (40%)



- Red (40%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (71%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 674A67 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 674A67 by changing the saturation by 10% instead.





674A67



674A67

FFFFFF



4F334F



9B7B9A



371D38



B595B5



220723



D1B0D1



00000B



EECBED



000000



FFE7FF



674A67



674A67



674067



675467



673567



675F67

672B67

676967

672167

677367

671767

677E67

670C67

678867

670267

679267

670067

679C67

67A767

# Harmonies

## Analogous

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



525072



674A67



734757

# Triad

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



674A67



615231



135D62

# Complementary

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



674A67



4A674A

# 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.



265D50



674A67



505734

# Square

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



674A67



6E4C38



3C5B40



1C5A6F

# Rectangle

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



674A67



75474B



3C5B40



185D5C



# Sweetspot

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



674A67



877C87



4A4A67



453E45



C4C4C4



454545



# Same Dimension

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



674A67



875987



674A59



332E33



730073



F200F2



# Inverse Universe

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



674A67



875987



4A6759



332E33



730073

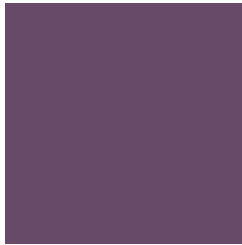


F200F2



# Previews

## White Background



This preview shows how the Hex color 674A67 looks on a white background.

## Color Contrast Check

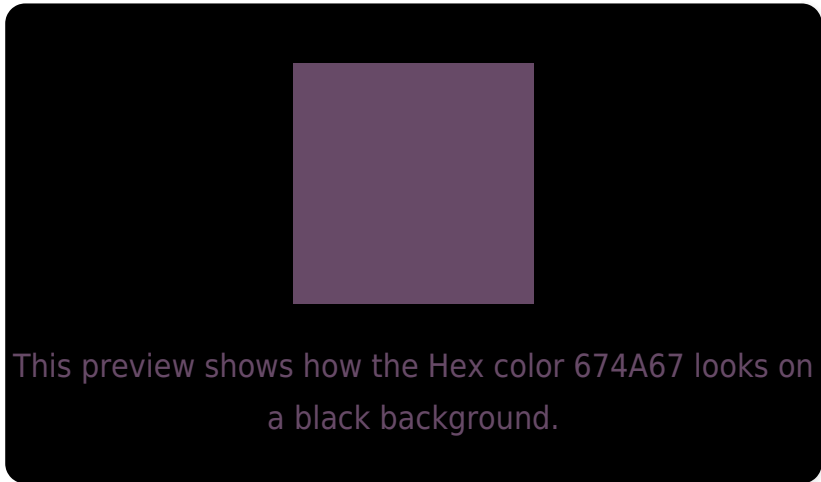
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

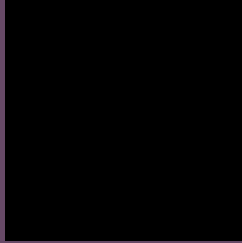
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 674A67 Background



This preview shows how black text looks on a background with the Hex color 674A67.

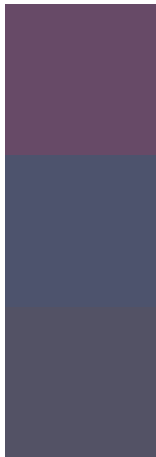


This preview shows how white text looks on a background with the Hex color 674A67.

# 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**  
674A67

**Protanopia**  
4D536D

**Deuteranopia**  
535265



**Tritanopia**  
644E54

# Trichromacy



**Original Color**  
674A67

**Protanomaly**  
56506B

**Deuteranomaly**  
5A4F66

**Tritanomaly**  
654D5B

# Monochromacy



**Original Color**  
674A67

**Achromatopsia**  
565656

**Achromatomaly**  
5C525C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 674A67 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 #674A67 looks like.

```
.text, #text, p{  
    color:#674A67  
}
```

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 #674A67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674A67
}
```

## Border

The CSS property to change the border of an element to Hex 674A67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

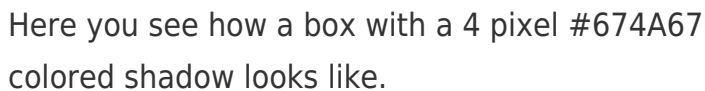
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674A67 }
```

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

```
.border{ border-color:#674A67 }
```

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



Here you see how a box with a 4 pixel #674A67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674A67; -webkit-box-shadow:4px 4px  
4px 4px #674A67; box-shadow:4px 4px 4px  
4px #674A67 }
```

# Background

The CSS property to change the background color of an element to Hex 674A67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674A67 }
```

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

```
.background{ background-color:#674A67 }
```

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