

# Converting Colors

Hex(674539)

Have a look what the booklet for  
Hex(674539) contains.

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**Color**

**Hex(674539)**

# Conversions

## Conversions Part 1

Format	Color
Hex	674539
RGB	103, 69, 57
RGB Percent	40%, 27%, 22%
CMY	0.5961, 0.7294, 0.7765
CMYK	0.00, 0.33, 0.45, 0.60
HSL	16°, 29%, 31%
HSV	16°, 45%, 40%
XYZ	8.4602, 7.4352, 4.8601
YIQ	77.7980, 24.1160, 3.4760

# Conversions

## Conversions Part 2

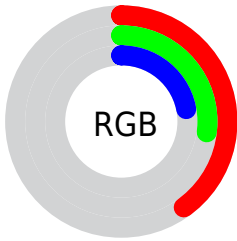
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 73, 57
Decimal	6767929
CIELab	32.78, 13.00, 13.15
CIElCh	33, 18.492, 45.345
Yxy	7.4352, 0.4076, 0.3582
Android (android.graphics.Color)	4284958009 (0xFF674539)
YUV	77.7980, -10.2534, 22.1022
Hunter-Lab	27.2676, 7.6639, 8.5196

# Details

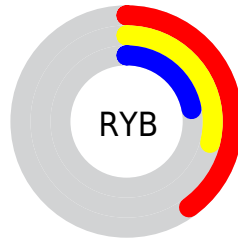
The Hex color **674539** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **395B67**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9C7568**, and **36190E** is the 20% darker color. If you saturate the color by 10%, you get **673D2F**, and if you desaturate by 10%, it is **674D43**.

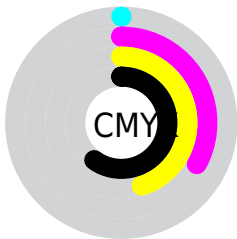
# Distribution



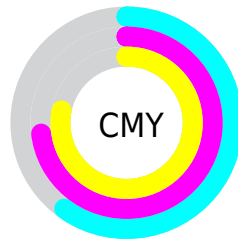
- Red (40%)
- Green (27%)
- Blue (22%)



- Red (40%)
- Yellow (29%)
- Blue (22%)



- Cyan (0%)
- Magenta (33%)
- Yellow (45%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 674539 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 674539 by changing the saturation by 10% instead.



 674539

 674539

FFFFFF

 4E2F23

 9C7568

 36190E

 B78F81

 210000

 D3AA9B

 000000

 F0C5B6

 FFE1D2

 FFFEEE

 674539

 674539

 673D2F

 674D43

■ 673624

■ 67544E

■ 672E1A

■ 675C58

■ 672710

■ 676362

■ 671F05

■ 676B6D

■ 671B00

■ 677377

■ 677A81

■ 67828B

■ 678A96

# Harmonies

## Analogous

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



6A4246



674539



5D4A31

# Triad

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



674539



2E5545



454C69

# Complementary

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



674539



395B67

# 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.



2E5169



674539



1F5554

# Square

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



674539



3F5238



1D5461



584762

# Rectangle

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



674539



554D30



1D5461



3D4E6A



# Sweetspot

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



674539



877A76



67395C



453D3A



C4C4C4



454545



# Same Dimension

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



674539



87513E



675C39



332F2E



731E00



F23F00



# Inverse Universe

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



395B67



3E7487



394567



2E3233



005573



00B3F2



# Previews

## White Background



This preview shows how the Hex color 674539 looks on a white background.

## Color Contrast Check

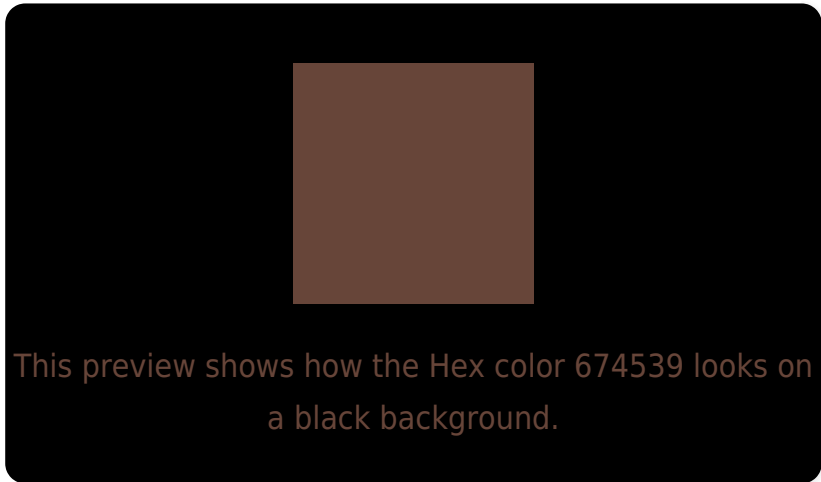
Large Text (above 18pt) WCAG AA ✓ Pass

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

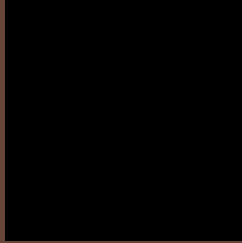
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 674539 Background



This preview shows how black text looks on a background with the Hex color 674539.

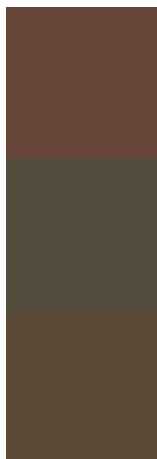


This preview shows how white text looks on a background with the Hex color 674539.

# 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**  
674539

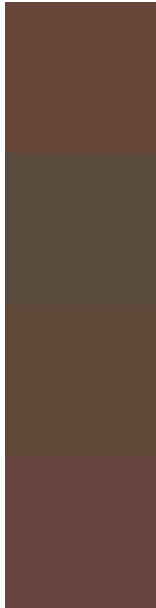
**Protanopia**  
524D3D

**Deuteranopia**  
5C4A38



**Tritanopia**  
684348

# Trichromacy



**Original Color**  
674539

**Protanomaly**  
5A4A3C

**Deuteranomaly**  
604838

**Tritanomaly**  
684443

# Monochromacy



**Original Color**  
674539

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
574B46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 674539 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 #674539 looks like.

```
.text, #text, p{  
    color:#674539  
}
```

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 #674539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674539
}
```

## Border

The CSS property to change the border of an element to Hex 674539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

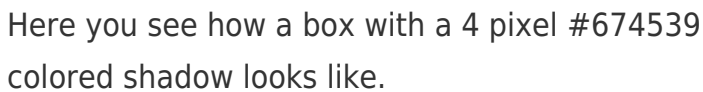
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674539 }
```

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

```
.border{ border-color:#674539 }
```

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



Here you see how a box with a 4 pixel #674539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674539; -webkit-box-shadow:4px 4px  
4px 4px #674539; box-shadow:4px 4px 4px  
4px #674539 }
```

# Background

The CSS property to change the background color of an element to Hex 674539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674539 }
```

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

```
.background{ background-color:#674539 }
```

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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