

# Converting Colors

Hex(674D3B)

Have a look what the booklet for  
Hex(674D3B) contains.

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# Color

**Hex(674D3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	674D3B
RGB	103, 77, 59
RGB Percent	40%, 30%, 23%
CMY	0.5961, 0.6980, 0.7686
CMYK	0.00, 0.25, 0.43, 0.60
HSL	25°, 27%, 32%
HSV	25°, 43%, 40%
XYZ	9.0368, 8.5071, 5.3034
YIQ	82.7220, 21.2740, -0.0860

# Conversions

## Conversions Part 2

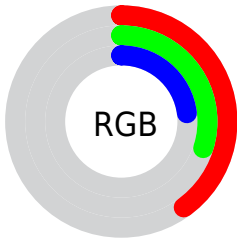
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 89, 59
Decimal	6769979
CIE Lab	35.02, 8.30, 14.92
CIE LCh	35, 17.076, 60.901
Yxy	8.5071, 0.3955, 0.3723
Android (android.graphics.Color)	4284960059 (0xFF674D3B)
YUV	82.7220, -11.6949, 17.7838
Hunter-Lab	29.1669, 4.2627, 9.6361

# Details

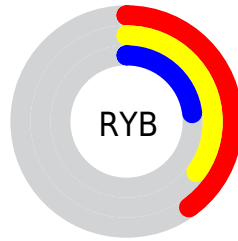
The Hex color **674D3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B5567**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9B7E6A**, and **362111** is the 20% darker color. If you saturate the color by 10%, you get **674731**, and if you desaturate by 10%, it is **675345**.

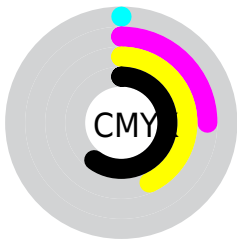
# Distribution



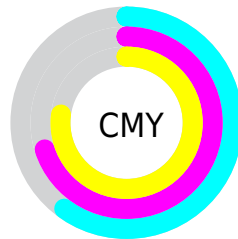
- Red (40%)
- Green (30%)
- Blue (23%)



- Red (40%)
- Yellow (35%)
- Blue (23%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (60%)



- Cyan (60%)
- Magenta (70%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 674D3B 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 674D3B by changing the saturation by 10% instead.



 674D3B

 674D3B

FFFFFF

 4E3625

 9B7E6A

 362111

 B69884

 210B00

 D2B39E

 000000

 EFCEB9

 FFEAD4

 FFFFFF1

 674D3B

 674D3B

 674731

 675345

■ 674126

■ 675950

■ 673B1C

■ 675F5A

■ 673512

■ 676564

■ 672F08

■ 676B6F

■ 672A00

■ 677279

■ 677883

■ 677E8D

■ 678498

# Harmonies

## Analogous

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



6D4945



674D3B



5C5237

# Triad

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



674D3B



2F5A52



554F6A

# Complementary

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



674D3B



3B5567

# 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.



41536D



674D3B



285960

# Square

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



674D3B



3D5945



2F576A



644A60

# Rectangle

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



674D3B



525439



2F576A



4F506C



# Sweetspot

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



674D3B



877D76



673B55



453E3A



C4C4C4



454545



# Same Dimension

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



674D3B



875E42



67633B



33302E



732F00



F26300



# Inverse Universe

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



3B5567



426B87



3B3F67



2E3133



004473



008FF2



# Previews

## White Background



This preview shows how the Hex color 674D3B looks on a white background.

## Color Contrast Check

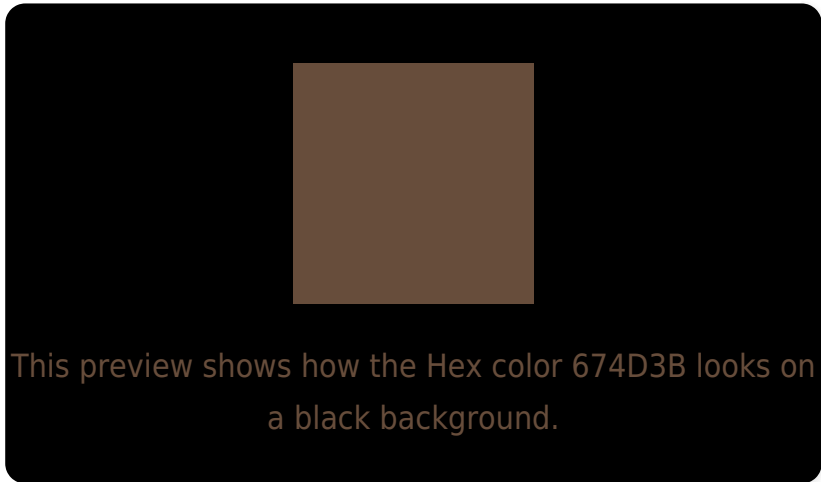
Large Text (above 18pt) WCAG AA ✓ Pass

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 674D3B Background



This preview shows how black text looks on a background with the Hex color 674D3B.

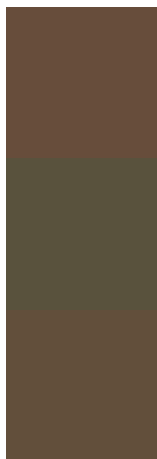


This preview shows how white text looks on a background with the Hex color 674D3B.

# 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**  
674D3B

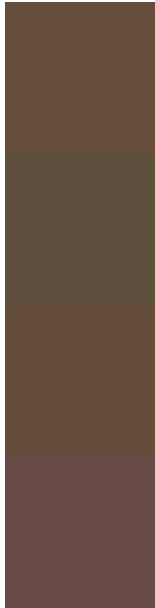
**Protanopia**  
59523D

**Deuteranopia**  
624F3B



**Tritanopia**  
694A50

# Trichromacy



**Original Color**  
674D3B

**Protanomaly**  
5E503C

**Deuteranomaly**  
644E3B

**Tritanomaly**  
684B48

# Monochromacy



**Original Color**  
674D3B

**Achromatopsia**  
535353

**Achromatomaly**  
5A514A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 674D3B 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 #674D3B looks like.

```
.text, #text, p{  
    color:#674D3B  
}
```

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 #674D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674D3B
}
```

## Border

The CSS property to change the border of an element to Hex 674D3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

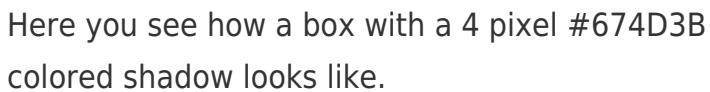
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674D3B }
```

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

```
.border{ border-color:#674D3B }
```

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



Here you see how a box with a 4 pixel #674D3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674D3B; -webkit-box-shadow:4px 4px  
4px 4px #674D3B; box-shadow:4px 4px 4px  
4px #674D3B }
```

# Background

The CSS property to change the background color of an element to Hex 674D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674D3B }
```

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

```
.background{ background-color:#674D3B }
```

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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