

# Converting Colors

Hex(674D32)

Have a look what the booklet for  
Hex(674D32) contains.

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**Color**

**Hex(674D32)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	674D32
RGB	103, 77, 50
RGB Percent	40%, 30%, 20%
CMY	0.5961, 0.6980, 0.8039
CMYK	0.00, 0.25, 0.51, 0.60
HSL	31°, 35%, 30%
HSV	31°, 51%, 40%
XYZ	8.8231, 8.4216, 4.1781
YIQ	81.6960, 24.1630, -2.8850

# Conversions

## Conversions Part 2

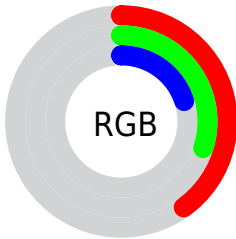
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 103, 50
Decimal	6769970
CIELab	34.85, 7.23, 20.21
CIElCh	35, 21.461, 70.312
Yxy	8.4216, 0.4119, 0.3931
Android (android.graphics.Color)	4284960050 (0xFF674D32)
YUV	81.6960, -15.6261, 18.6836
Hunter-Lab	29.0200, 3.4854, 11.7778




# Details

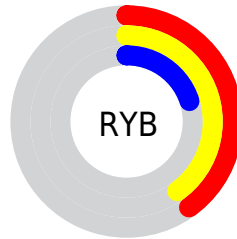
The Hex color **674D32** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **324C67**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9C7E61**, and **362104** is the 20% darker color. If you saturate the color by 10%, you get **674828**, and if you desaturate by 10%, it is **67523C**.

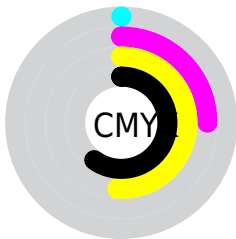
# Distribution







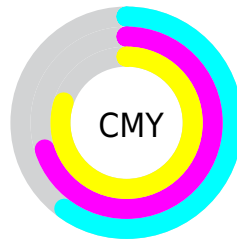
-  Red (40%)
-  Green (30%)
-  Blue (20%)






-  Red (40%)
-  Yellow (40%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (51%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (70%)
-  Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 674D32 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 674D32 by changing the saturation by 10% instead.



 674D32

 674D32

FFFFFF

 4E361C

 9C7E61

 362104

 B7987A

 1F0B00

 D3B394

 000000

 F0CEAE

 FFEACA

 FFFFE6

 674D32

 674D32

 674828

 67523C

■ 67431D

■ 675747

■ 673E13

■ 675C51

■ 673909

■ 67615B

■ 673400

■ 676666

■ 676B70

■ 67707A

■ 677584

■ 677A8F

# Harmonies

## Analogous

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



71483D



674D32



585330

# Triad

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



674D32



195B57



5C4B6C

# Complementary

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



674D32



324C67

# 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.



435273



674D32



105A67

# Square

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



674D32



305A46



275772



6C465E

# Rectangle

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



674D32



4B5634



275772



544D6F



# Sweetspot

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



674D32



877D73



67324D



453F38



C4C4C4



454545



# Same Dimension

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



674D32



875E33



676732



33302E



733A00



F27B00



# Inverse Universe

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



324C67



335C87



323267



2E3033



003873

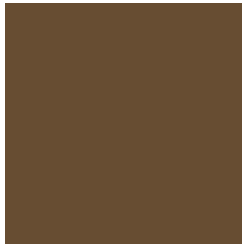


0077F2



# Previews

## White Background



This preview shows how the Hex color 674D32 looks on a white background.

## Color Contrast Check

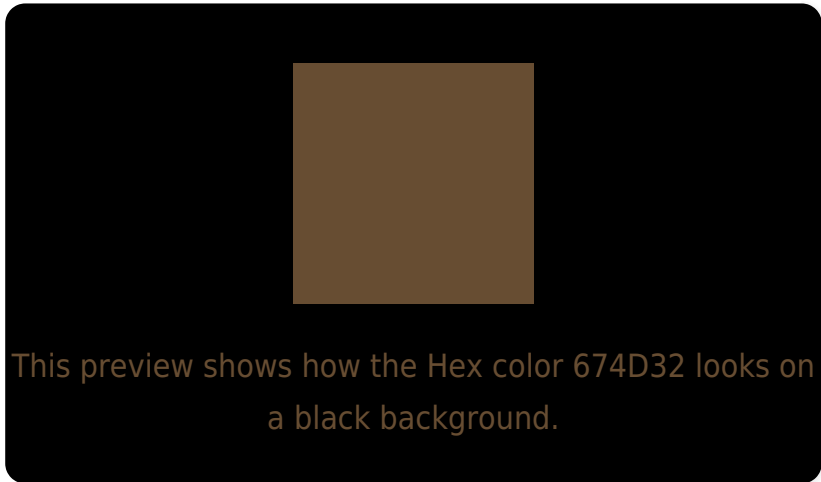
Large Text (above 18pt) WCAG AA ✓ Pass

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 674D32 Background



This preview shows how black text looks on a background with the Hex color 674D32.



This preview shows how white text looks on a background with the Hex color 674D32.

# 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**  
674D32

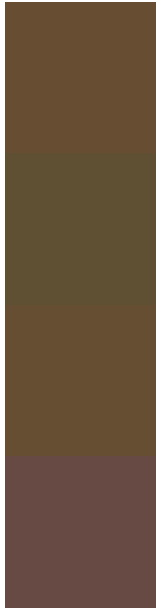
**Protanopia**  
5A5234

**Deuteranopia**  
644E32



**Tritanopia**  
69494F

# Trichromacy



**Original Color**  
674D32

**Protanomaly**  
5F5033

**Deuteranomaly**  
654E32

**Tritanomaly**  
684A44

# Monochromacy



**Original Color**  
674D32

**Achromatopsia**  
525252

**Achromatomaly**  
5A5046

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 674D32 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 #674D32 looks like.

```
.text, #text, p{  
    color:#674D32  
}
```

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 #674D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674D32
}
```

## Border

The CSS property to change the border of an element to Hex 674D32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

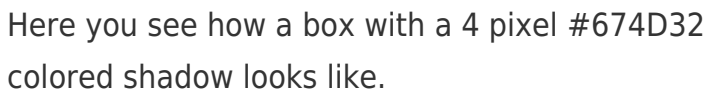
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674D32 }
```

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

```
.border{ border-color:#674D32 }
```

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



Here you see how a box with a 4 pixel #674D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674D32; -webkit-box-shadow:4px 4px  
4px 4px #674D32; box-shadow:4px 4px 4px  
4px #674D32 }
```

# Background

The CSS property to change the background color of an element to Hex 674D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674D32 }
```

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

```
.background{ background-color:#674D32 }
```

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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