

Converting Colors

Hex(674F2F)

Have a look what the booklet for
Hex(674F2F) contains.

Hex(674F2F)	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(674F2F)

Conversions

Conversions Part 1

Format	Color
Hex	674F2F
RGB	103, 79, 47
RGB Percent	40%, 31%, 18%
CMY	0.5961, 0.6902, 0.8157
CMYK	0.00, 0.23, 0.54, 0.60
HSL	34°, 37%, 29%
HSV	34°, 54%, 40%
XYZ	8.9026, 8.6808, 3.8957
YIQ	82.5280, 24.5760, -4.8640

Conversions

Conversions Part 2

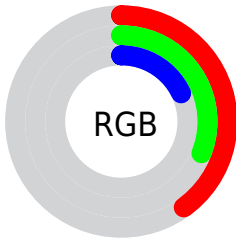
Format	Color
R_{YB}	89, 103, 47
Decimal	6770479
CIE Lab	35.36, 5.68, 22.65
CIE LCh	35, 23.355, 75.918
Yxy	8.6808, 0.4145, 0.4042
Android (android.graphics.Color)	4284960559 (0xFF674F2F)
YUV	82.5280, -17.5153, 17.9539
Hunter-Lab	29.4631, 2.3751, 12.7848

Details

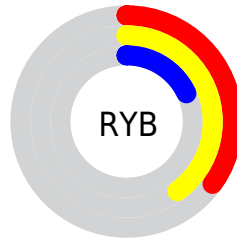
The Hex color **674F2F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F4767**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9C805E**, and **362300** is the 20% darker color. If you saturate the color by 10%, you get **674B25**, and if you desaturate by 10%, it is **675339**.

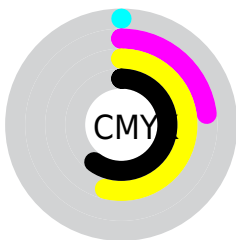
Distribution



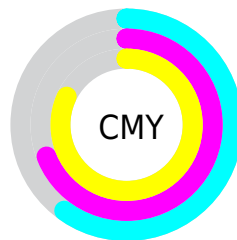
- Red (40%)
- Green (31%)
- Blue (18%)



- Red (35%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (23%)
- Yellow (54%)
- Black (60%)



- Cyan (60%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 674F2F 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 674F2F by changing the saturation by 10% instead.



674F2F



674F2F

FFFFFF



4E3819



9C805E



362300



B79A77



1F0E00



D3B590



000000



F0D0AB



FFEDC6



FFFEE2



674F2F



674F2F



674B25



675339

■ 67461A

■ 675844

■ 674210

■ 675C4E

■ 673D06

■ 676158

■ 673B00

■ 676563

■ 67696D

■ 676E77

■ 677281

■ 67778C

Harmonies

Analogous

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



734939



674F2F



55552F

Triad

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



674F2F



085D5D



624B6D

Complementary

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



674F2F



2F4767

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.



485277



674F2F



005C6D

Square

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



674F2F



285C49



275877



72465D

Rectangle

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



674F2F



485934



275877



5A4D71

Sweetspot

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



674F2F



877E72



672F47



453F38



C4C4C4



454545

Same Dimension

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



674F2F



87622F



63672F



33312E



734200



F28A00

Inverse Universe

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



2F4767



2F5587



332F67



2E3033



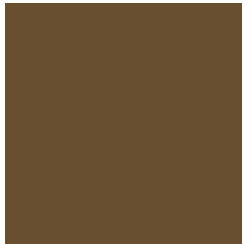
003173



0068F2

Previews

White Background



This preview shows how the Hex color 674F2F looks on a white background.

Color Contrast Check

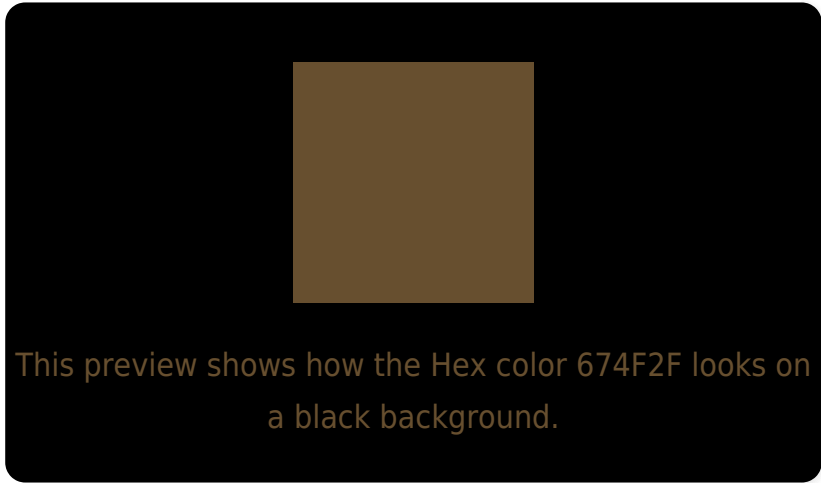
Large Text (above 18pt) WCAG AA ✓ Pass

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

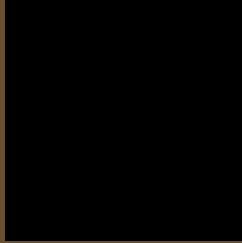
Any Text WCAG AA × Fail

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 674F2F Background



This preview shows how black text looks on a background with the Hex color 674F2F.



This preview shows how white text looks on a background with the Hex color 674F2F.

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
674F2F

Protanopia
5B5331

Deuteranopia
66502F



Tritanopia
6A4B51

Trichromacy



Original Color
674F2F

Protanomaly
5F5230

Deuteranomaly
66502F

Tritanomaly
694C45

Monochromacy



Original Color
674F2F

Achromatopsia
535353

Achromatomaly
5A5246

CSS Examples

Text

The CSS property to change the color of the text to Hex 674F2F 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 #674F2F looks like.

```
.text, #text, p{  
    color:#674F2F  
}
```

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 #674F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674F2F
}
```

Border

The CSS property to change the border of an element to Hex 674F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

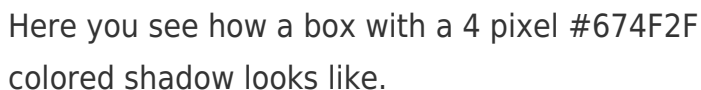
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674F2F }
```

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

```
.border{ border-color:#674F2F }
```

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



Here you see how a box with a 4 pixel #674F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674F2F; -webkit-box-shadow:4px 4px  
4px 4px #674F2F; box-shadow:4px 4px 4px  
4px #674F2F }
```

Background

The CSS property to change the background color of an element to Hex 674F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674F2F }
```

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

```
.background{ background-color:#674F2F }
```

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