

Converting Colors

Hex(674C14)

Have a look what the booklet for
Hex(674C14) contains.

Hex(674C14)	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(674C14)

Conversions

Conversions Part 1

Format	Color
Hex	674C14
RGB	103, 76, 20
RGB Percent	40%, 30%, 8%
CMY	0.5961, 0.7020, 0.9216
CMYK	0.00, 0.26, 0.81, 0.60
HSL	40°, 67%, 24%
HSV	40°, 81%, 40%
XYZ	8.3042, 8.1030, 1.7882
YIQ	77.6890, 34.0680, -11.6920

Conversions

Conversions Part 2

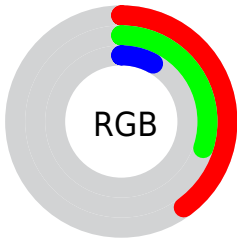
Format	Color
RYB	60, 103, 20
Decimal	6769684
CIELab	34.20, 5.50, 35.71
CIELCh	34, 36.130, 81.241
Yxy	8.1030, 0.4564, 0.4453
Android (android.graphics.Color)	4284959764 (0xFF674C14)
YUV	77.6890, -28.4407, 22.1977
Hunter-Lab	28.4657, 2.2584, 16.2015

Details

The Hex color **674C14** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **142F67**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9D7D43**, and **342000** is the 20% darker color. If you saturate the color by 10%, you get **67490A**, and if you desaturate by 10%, it is **674F1E**.

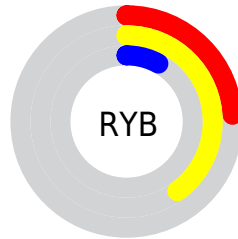
Distribution



Red (40%)

Green (30%)

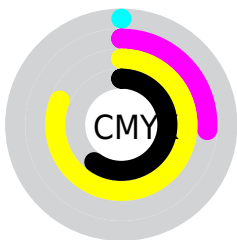
Blue (8%)



Red (24%)

Yellow (40%)

Blue (8%)

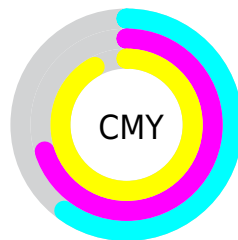


Cyan (0%)

Magenta (26%)

Yellow (81%)

Black (60%)



Cyan (60%)

Magenta (70%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 674C14 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 674C14 by changing the saturation by 10% instead.



674C14



674C14

FFFFFFE



4D3500



9D7D43



342000



B9965C



1C0A00



D6B175



000000



F3CC8F



FFE9AA



FFFFC5



FFFFE1



674C14



674C14

■ 67490A

■ 674F1E

■ 674500

■ 675329

■ 675633

■ 67593D

■ 675D47

■ 676052

■ 67635C

■ 676766

■ 676A71

Harmonies

Analogous

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



7B4124



674C14



4C5516

Triad

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



674C14



005E64



6B4075

Complementary

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



674C14



142F67

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.



424C86



674C14



005C7D

Square

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



674C14



005E47



005689



80375A

Rectangle

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



674C14



365923



005689



60447C

Sweetspot

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



674C14



877D67



671430



453E31



C4C4C4



454545

Same Dimension

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



674C14



875D04



596714



33312E



734D00



F2A300

Inverse Universe

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



142F67



042F87



221467



2E3033



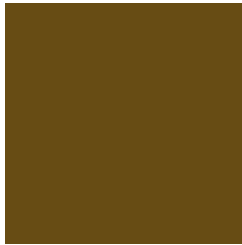
002573



004FF2

Previews

White Background



This preview shows how the Hex color 674C14 looks on a white background.

Color Contrast Check

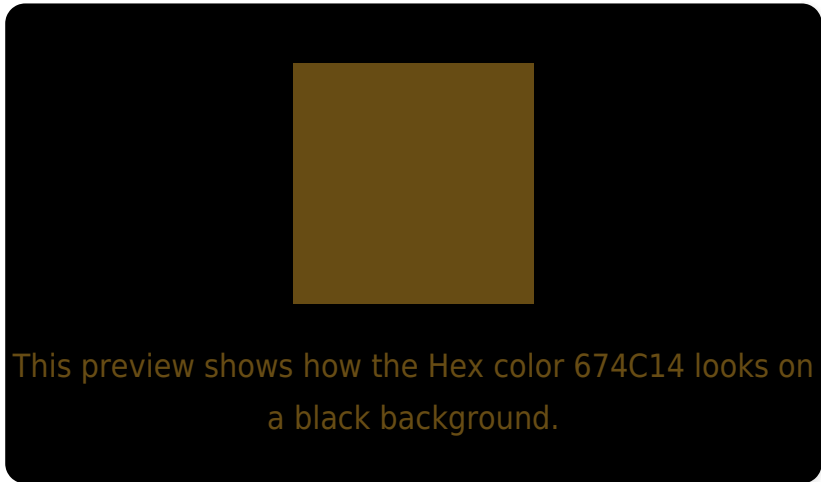
Large Text (above 18pt) WCAG AA ✓ Pass

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 674C14 Background



This preview shows how black text looks on a background with the Hex color 674C14.



This preview shows how white text looks on a background with the Hex color 674C14.

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
674C14

Protanopia
5B5115

Deuteranopia
664D14



Tritanopia
6A474C

Trichromacy



Original Color
674C14

Protanomaly
5F4F15

Deuteranomaly
664D14

Tritanomaly
694938

Monochromacy



Original Color
674C14

Achromatopsia
4E4E4E

Achromatomaly
574D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 674C14 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 #674C14 looks like.

```
.text, #text, p{  
    color:#674C14  
}
```

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 #674C14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674C14
}
```

Border

The CSS property to change the border of an element to Hex 674C14 is called "border". The border property can be set on classes, ids or directly on the HTML element.

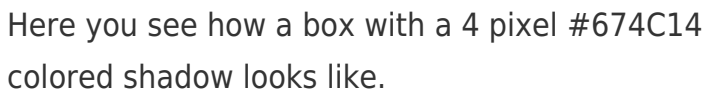
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#674C14 }
```

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

```
.border{ border-color:#674C14 }
```

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



Here you see how a box with a 4 pixel #674C14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674C14; -webkit-box-shadow:4px 4px  
4px 4px #674C14; box-shadow:4px 4px 4px  
4px #674C14 }
```

Background

The CSS property to change the background color of an element to Hex 674C14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674C14 }
```

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

```
.background{ background-color:#674C14 }
```

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