

# Converting Colors

Hex(674E15)

Have a look what the booklet for  
Hex(674E15) contains.

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**Color**

**Hex(674E15)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	674E15
RGB	103, 78, 21
RGB Percent	40%, 31%, 8%
CMY	0.5961, 0.6941, 0.9176
CMYK	0.00, 0.24, 0.80, 0.60
HSL	42°, 66%, 24%
HSV	42°, 80%, 40%
XYZ	8.4533, 8.3865, 1.8827
YIQ	78.9770, 33.1970, -12.4270

# Conversions

## Conversions Part 2

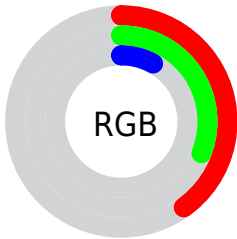
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 103, 21
Decimal	6770197
CIELab	34.78, 4.33, 35.83
CIELCh	35, 36.086, 83.114
Yxy	8.3865, 0.4515, 0.4479
Android (android.graphics.Color)	4284960277 (0xFF674E15)
YUV	78.9770, -28.5827, 21.0682
Hunter-Lab	28.9594, 1.4252, 16.4171

# Details

The Hex color **674E15** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **152E67**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9D7F44**, and **342200** is the 20% darker color. If you saturate the color by 10%, you get **674B0B**, and if you desaturate by 10%, it is **67511F**.

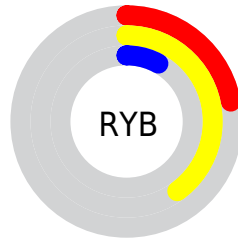
# Distribution



Red (40%)

Green (31%)

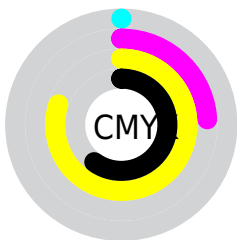
Blue (8%)



Red (22%)

Yellow (40%)

Blue (8%)

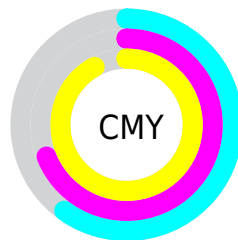


Cyan (0%)

Magenta (24%)

Yellow (80%)

Black (60%)



Cyan (60%)

Magenta (69%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 674E15 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 674E15 by changing the saturation by 10% instead.





674E15



674E15

FFFFFF



4D3700



9D7F44



342200



B9995D



1C0D00



D6B376



000000



F3CF90



FFEBAB



FFFFC7



FFFFE3



674E15



674E15

■ 674B0B

■ 67511F

■ 674800

■ 67542A

■ 675734

■ 675B3E

■ 675E49

■ 676153

■ 67645D

■ 676767

■ 676A72

# Harmonies

## Analogous

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



7C4324



674E15



4C5719

# Triad

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



674E15



006067



6E4175

# Complementary

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



674E15



152E67

# 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.



474D87



674E15



005D7F

# Square

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



674E15



005F4A



00578B



83385A

# Rectangle

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



674E15



355B26



00578B



64457C



# Sweetspot

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



674E15



877D67



67152F



453F31



C4C4C4



454545



# Same Dimension

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



674E15



876005



586715



33312E



735000



F2A800



# Inverse Universe

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



152E67



052D87



241567



2E2F33



002373

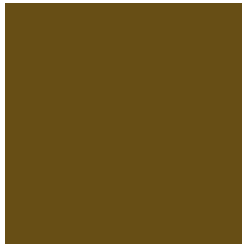


004AF2



# Previews

## White Background



This preview shows how the Hex color 674E15 looks on a white background.

## Color Contrast Check

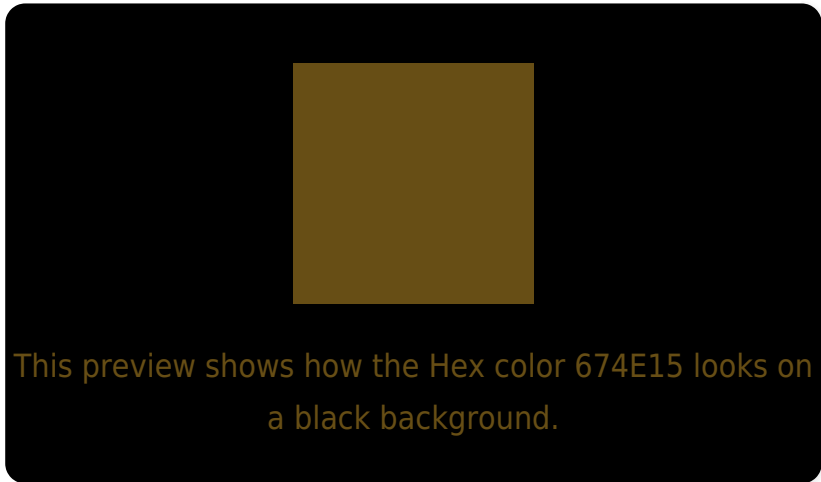
Large Text (above 18pt) WCAG AA ✓ Pass

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 674E15 Background



This preview shows how black text looks on a background with the Hex color 674E15.



This preview shows how white text looks on a background with the Hex color 674E15.

# 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**  
674E15

**Protanopia**  
5C5216

**Deuteranopia**  
674E15



**Tritanopia**  
6B494E

# Trichromacy



**Original Color**  
674E15

**Protanomaly**  
605116

**Deuteranomaly**  
674E15

**Tritanomaly**  
6A4B39

# Monochromacy



**Original Color**  
674E15

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
584F3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 674E15 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 #674E15 looks like.

```
.text, #text, p{  
    color:#674E15  
}
```

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 #674E15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #674E15 }  
}
```

## Border

The CSS property to change the border of an element to Hex 674E15 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".

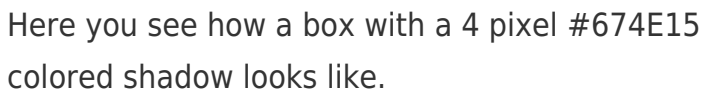
```
.border, #border, table{ border:4px solid #674E15 }  
}
```

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

```
.border{ border-color:#674E15 }
```

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

Here you see how a box with a 4 pixel #674E15 colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The box is white with a thin dark brown border on the top and left sides, and a thicker dark brown shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #674E15; -webkit-box-shadow:4px 4px  
4px 4px #674E15; box-shadow:4px 4px 4px  
4px #674E15 }
```

# Background

The CSS property to change the background color of an element to Hex 674E15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#674E15 }
```

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

```
.background{ background-color:#674E15 }
```

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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