

# Converting Colors

Hex(74570E)

Have a look what the booklet for  
Hex(74570E) contains.

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# Color

**Hex(74570E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74570E
RGB	116, 87, 14
RGB Percent	45%, 34%, 5%
CMY	0.5451, 0.6588, 0.9451
CMYK	0.00, 0.25, 0.88, 0.55
HSL	43°, 78%, 25%
HSV	43°, 88%, 45%
XYZ	10.6899, 10.5611, 1.8905
YIQ	87.3490, 40.7170, -16.5550

# Conversions

## Conversions Part 2

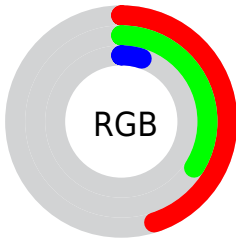
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 116, 14
Decimal	7624462
CIELab	38.83, 5.01, 42.75
CIELCh	39, 43.040, 83.316
Yxy	10.5611, 0.4619, 0.4564
Android (android.graphics.Color)	4285814542 (0xFF74570E)
YUV	87.3490, -36.1611, 25.1269
Hunter-Lab	32.4978, 1.8450, 19.2993

# Details

The Hex color **74570E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **0E2B74**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **AB8941**, and **3F2A00** is the 20% darker color. If you saturate the color by 10%, you get **745402**, and if you desaturate by 10%, it is **745A1A**.

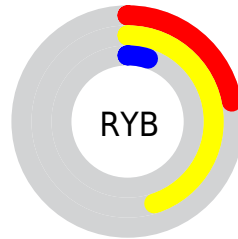
# Distribution



Red (45%)

Green (34%)

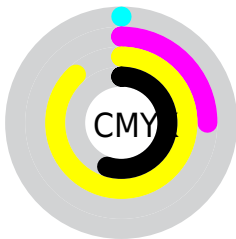
Blue (5%)



Red (22%)

Yellow (45%)

Blue (5%)

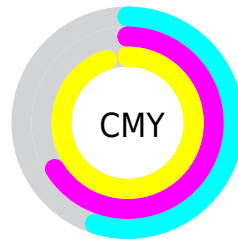


Cyan (0%)

Magenta (25%)

Yellow (88%)

Black (55%)



Cyan (55%)

Magenta (66%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74570E 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 74570E by changing the saturation by 10% instead.



 74570E

 74570E

FFFFFFD

 594000

 AB8941

 3F2A00

 C8A35A

 261600

 E5BE73

 000000

 FFD98D

 FFF6A8

 FFFFC4

 FFFFEO

 74570E

 74570E

■ 745402

■ 745A1A

■ 745300

■ 745E25

■ 746131

■ 74643C

■ 746748

■ 746B54

■ 746E5F

■ 74716B

■ 747576

# Harmonies

## Analogous

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



8D4923



74570E



536214

# Triad

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



74570E



006C76



7E4686

# Complementary

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



74570E



0E2B74

# 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.



4D559C



74570E



006993

# Square

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



74570E



006C52



0062A1



963B65

# Rectangle

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



74570E



376725



0062A1



714B8F



# Sweetspot

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



74570E



968B6F



740E2D



4D4635



CCCCCC



4D4D4D



# Same Dimension

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



74570E



966C00



60740E



3B3935



7A5800



FAB300



# Inverse Universe

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



0E2B74



002B96



220E74



35363B



00237A

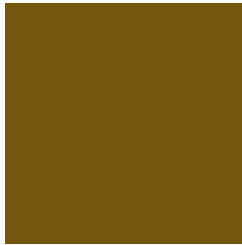


0047FA



# Previews

## White Background



This preview shows how the Hex color 74570E looks on a white background.

## Color Contrast Check

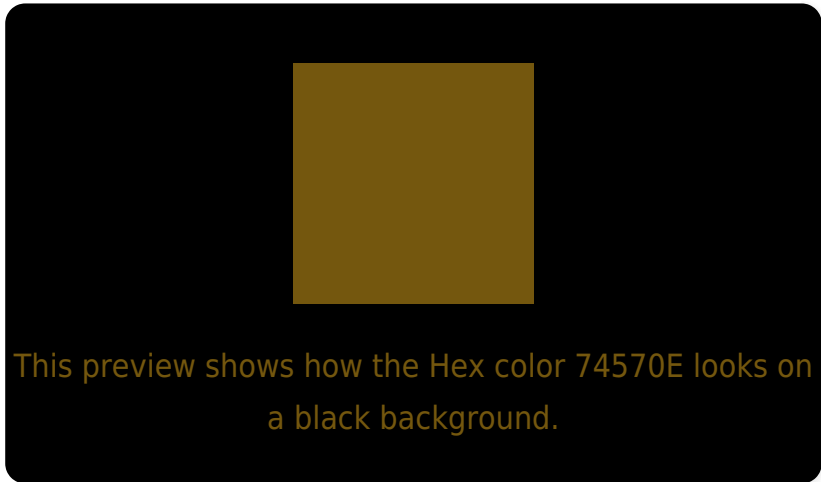
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 74570E Background



This preview shows how black text looks on a background with the Hex color 74570E.



This preview shows how white text looks on a background with the Hex color 74570E.

# 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**  
74570E

**Protanopia**  
675C0F

**Deuteranopia**  
74570E



**Tritanopia**  
785157

# Trichromacy



**Original Color**  
74570E

**Protanomaly**  
6C5A0F

**Deuteranomaly**  
74570E

**Tritanomaly**  
77533C

# Monochromacy



**Original Color**  
74570E

**Achromatopsia**  
575757

**Achromatomaly**  
62573C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74570E 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 #74570E looks like.

```
.text, #text, p{  
    color:#74570E  
}
```

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 #74570E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74570E
}
```

## Border

The CSS property to change the border of an element to Hex 74570E is called "border". The border property can be set on classes, ids or directly on the HTML element.

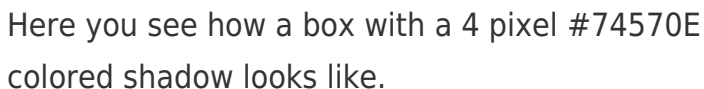
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74570E }
```

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

```
.border{ border-color:#74570E }
```

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



Here you see how a box with a 4 pixel #74570E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74570E; -webkit-box-shadow:4px 4px  
4px 4px #74570E; box-shadow:4px 4px 4px  
4px #74570E }
```

# Background

The CSS property to change the background color of an element to Hex 74570E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74570E }
```

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

```
.background{ background-color:#74570E }
```

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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