

# Converting Colors

Hex(6C472F)

Have a look what the booklet for  
Hex(6C472F) contains.

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# Color

**Hex(6C472F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C472F
RGB	108, 71, 47
RGB Percent	42%, 28%, 18%
CMY	0.5765, 0.7216, 0.8157
CMYK	0.00, 0.34, 0.56, 0.58
HSL	24°, 39%, 30%
HSV	24°, 56%, 42%
XYZ	8.9507, 7.8999, 3.7424
YIQ	79.3270, 29.7560, 0.3800

# Conversions

## Conversions Part 2

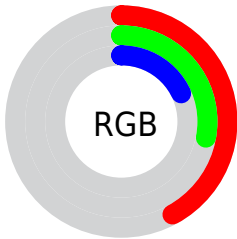
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 87, 47
Decimal	7096111
CIELab	33.77, 12.94, 20.79
CIELCh	34, 24.487, 58.103
Yxy	7.8999, 0.4346, 0.3836
Android (android.graphics.Color)	4285286191 (0xFF6C472F)
YUV	79.3270, -15.9372, 25.1462
Hunter-Lab	28.1067, 7.6572, 11.7802

# Details

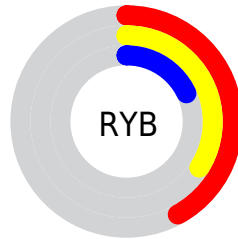
The Hex color **6C472F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F546C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A2785D**, and **3A1B00** is the 20% darker color. If you saturate the color by 10%, you get **6C4024**, and if you desaturate by 10%, it is **6C4E3A**.

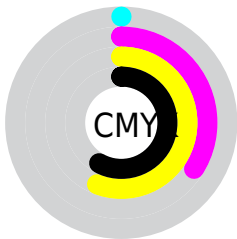
# Distribution



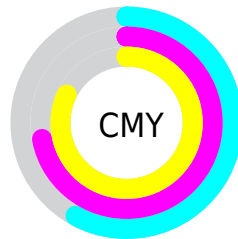
- Red (42%)
- Green (28%)
- Blue (18%)



- Red (42%)
- Yellow (34%)
- Blue (18%)



- Cyan (0%)
- Magenta (34%)
- Yellow (56%)
- Black (58%)



- Cyan (58%)
- Magenta (72%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C472F 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 6C472F by changing the saturation by 10% instead.



 6C472F

 6C472F

FFFFFF

 52301A

 A2785D

 3A1B00

 BD9176

 230300

 DAAC90

 000000

 F7C7AB

 FFE3C6

 FFFFE2

 6C472F

 6C472F

 6C4024

 6C4E3A

■ 6C3A19

■ 6C5445

■ 6C330F

■ 6C5B4F

■ 6C2D04

■ 6C615A

■ 6C2A00

■ 6C6865

■ 6C6E70

■ 6C757B

■ 6C7B85

■ 6C8290

# Harmonies

## Analogous

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



74413E



6C472F



5D4E28

# Triad

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



6C472F



125A4D



4F4B72

# Complementary

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



6C472F



2F546C

# 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.



2F5276



6C472F



005961

# Square

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



6C472F



32583A



005770



674464

# Rectangle

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



6C472F



50522A



005770



464D74



# Sweetspot

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



6C472F



8C7E74



6C2F55



473F39



C7C7C7



474747



# Same Dimension

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



6C472F



8C522D



6C652F



363230



752E00



F56000



# Inverse Universe

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



2F546C



2D678C



2F366C



303336



004775



0094F5



# Previews

## White Background



This preview shows how the Hex color 6C472F looks on a white background.

## Color Contrast Check

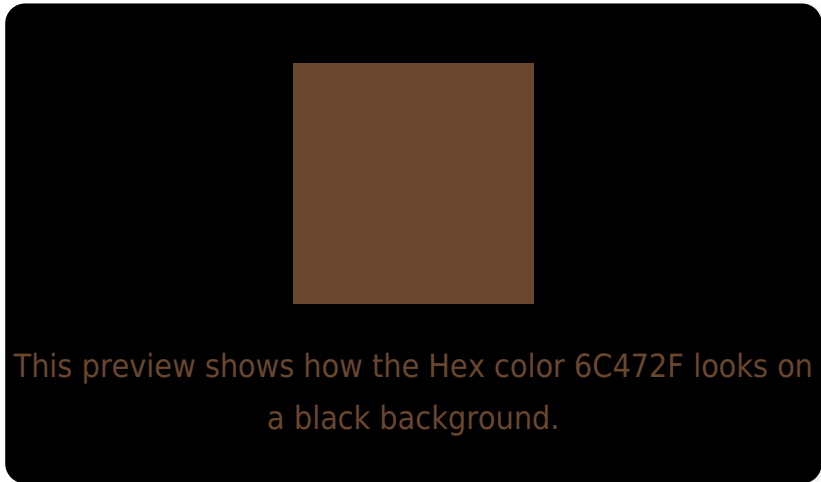
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C472F Background



This preview shows how black text looks on a background with the Hex color 6C472F.



This preview shows how white text looks on a background with the Hex color 6C472F.

# 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**  
6C472F

**Protanopia**  
575032

**Deuteranopia**  
614C2E



**Tritanopia**  
6E4449

# Trichromacy



**Original Color**  
6C472F

**Protanomaly**  
5F4D31

**Deuteranomaly**  
654A2E

**Tritanomaly**  
6D4540

# Monochromacy



**Original Color**  
6C472F

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5A4C43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C472F 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 #6C472F looks like.

```
.text, #text, p{  
    color:#6C472F  
}
```

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 #6C472F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C472F
}
```

## Border

The CSS property to change the border of an element to Hex 6C472F is called "border". The border property can be set on classes, ids or directly on the HTML element.

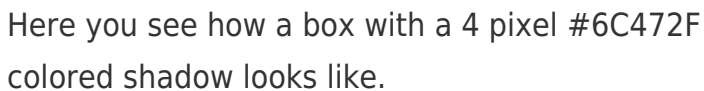
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C472F }
```

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

```
.border{ border-color:#6C472F }
```

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



Here you see how a box with a 4 pixel #6C472F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C472F; -webkit-box-shadow:4px 4px  
4px 4px #6C472F; box-shadow:4px 4px 4px  
4px #6C472F }
```

# Background

The CSS property to change the background color of an element to Hex 6C472F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C472F }
```

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

```
.background{ background-color:#6C472F }
```

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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