

# Converting Colors

Hex(6C442D)

Have a look what the booklet for  
Hex(6C442D) contains.

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# Color

**Hex(6C442D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C442D
RGB	108, 68, 45
RGB Percent	42%, 27%, 18%
CMY	0.5765, 0.7333, 0.8235
CMYK	0.00, 0.37, 0.58, 0.58
HSL	22°, 41%, 30%
HSV	22°, 58%, 42%
XYZ	8.7251, 7.5119, 3.4727
YIQ	77.3380, 31.2230, 1.3270

# Conversions

## Conversions Part 2

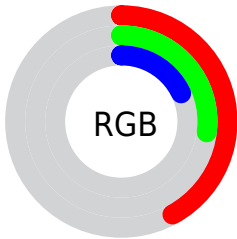
Format	Color
<b>R<sub>YB</sub></b>	108, 81, 45
Decimal	7095341
CIE Lab	32.94, 14.58, 20.96
CIE LCh	33, 25.536, 55.173
Yxy	7.5119, 0.4427, 0.3811
Android (android.graphics.Color)	4285285421 (0xFF6C442D)
YUV	77.3380, -15.9426, 26.8906
Hunter-Lab	27.4078, 8.8610, 11.6731

# Details

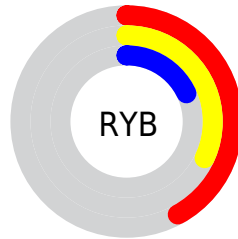
The Hex color **6C442D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D556C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A2745B**, and **3A1800** is the 20% darker color. If you saturate the color by 10%, you get **6C3D22**, and if you desaturate by 10%, it is **6C4B38**.

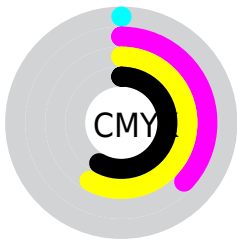
# Distribution



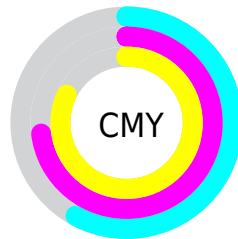
- Red (42%)
- Green (27%)
- Blue (18%)



- Red (42%)
- Yellow (32%)
- Blue (18%)



- Cyan (0%)
- Magenta (37%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C442D 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 6C442D by changing the saturation by 10% instead.



 6C442D

 6C442D

FFFFFF

 522E18

 A2745B

 3A1800

 BE8E74

 230000

 DAA98E

 000000

 F7C4A8

 FFE0C3

 FFFCDF

 FFFFFC

 6C442D

 6C442D

■ 6C3D22

■ 6C4B38

■ 6C3617

■ 6C5243

■ 6C2F0D

■ 6C594D

■ 6C2902

■ 6C5F58

■ 6C2700

■ 6C6663

■ 6C6D6E

■ 6C7479

■ 6C7B83

■ 6C828E

# Harmonies

## Analogous

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



743E3D



6C442D



5D4B25

# Triad

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



6C442D



0D5849



4A4972

# Complementary

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



6C442D



2D556C

# 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.



265175



6C442D



00585E

# Square

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



6C442D



315636



00556E



644265

# Rectangle

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



6C442D



505026



00556E



404C74



# Sweetspot

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



6C442D



8C7C73



6C2D56



473D38



C7C7C7



474747



# Same Dimension

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



6C442D



8C4E2A



6C632D



363230



752B00



F55900



# Inverse Universe

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



2D556C



2A688C



2D366C



303436



004A75



009BF5



# Previews

## White Background



This preview shows how the Hex color 6C442D looks on a white background.

## Color Contrast Check

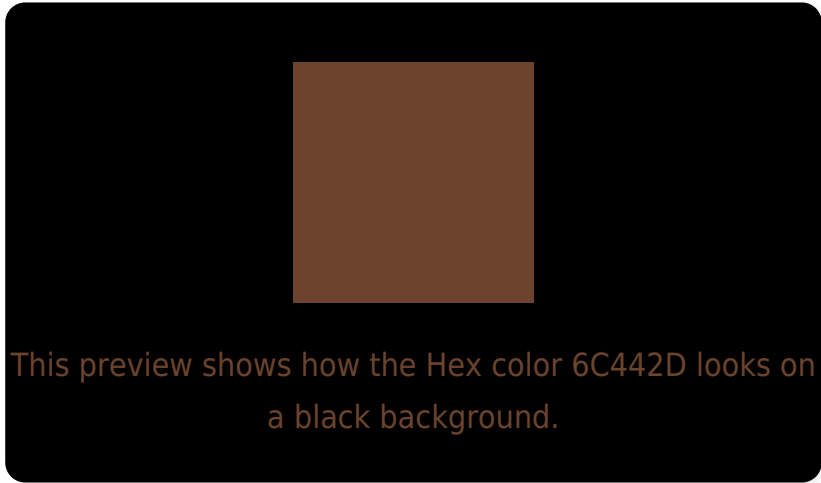
Large Text (above 18pt) WCAG AA ✓ Pass

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

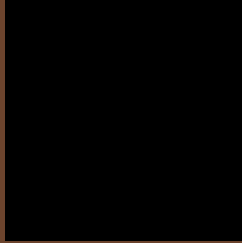
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C442D Background



This preview shows how black text looks on a background with the Hex color 6C442D.



This preview shows how white text looks on a background with the Hex color 6C442D.

# 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**  
6C442D

**Protanopia**  
554E31

**Deuteranopia**  
5F4A2C



**Tritanopia**  
6E4146

# Trichromacy



**Original Color**  
6C442D

**Protanomaly**  
5D4A30

**Deuteranomaly**  
64482C

**Tritanomaly**  
6D423D

# Monochromacy



**Original Color**  
6C442D

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
584A41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C442D 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 #6C442D looks like.

```
.text, #text, p{  
    color:#6C442D  
}
```

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 #6C442D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C442D
}
```

## Border

The CSS property to change the border of an element to Hex 6C442D 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
#6C442D }
```

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

```
.border{ border-color:#6C442D }
```

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

Here you see how a box with a 4 pixel #6C442D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C442D; -webkit-box-shadow:4px 4px  
4px 4px #6C442D; box-shadow:4px 4px 4px  
4px #6C442D }
```

# Background

The CSS property to change the background color of an element to Hex 6C442D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C442D }
```

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

```
.background{ background-color:#6C442D }
```

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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