

# Converting Colors

Hex(6B462C)

Have a look what the booklet for  
Hex(6B462C) contains.

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**Color**

**Hex(6B462C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B462C
RGB	107, 70, 44
RGB Percent	42%, 27%, 17%
CMY	0.5804, 0.7255, 0.8275
CMYK	0.00, 0.35, 0.59, 0.58
HSL	25°, 42%, 30%
HSV	25°, 59%, 42%
XYZ	8.7082, 7.6880, 3.4078
YIQ	78.0990, 30.3980, -0.2420

# Conversions

## Conversions Part 2

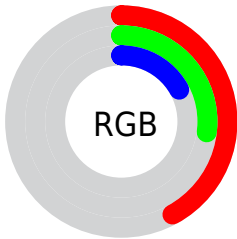
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 88, 44
Decimal	7030316
CIELab	33.32, 12.80, 22.01
CIELCh	33, 25.465, 59.821
Yxy	7.6880, 0.4397, 0.3882
Android (android.graphics.Color)	4285220396 (0xFF6B462C)
YUV	78.0990, -16.8108, 25.3462
Hunter-Lab	27.7272, 7.5383, 12.1220

# Details

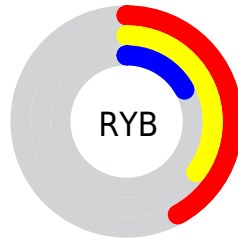
The Hex color **6B462C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2C516B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **A1765A**, and **391A00** is the 20% darker color. If you saturate the color by 10%, you get **6B4021**, and if you desaturate by 10%, it is **6B4C37**.

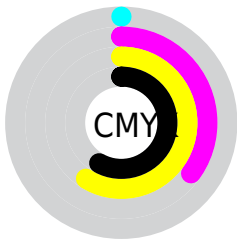
# Distribution



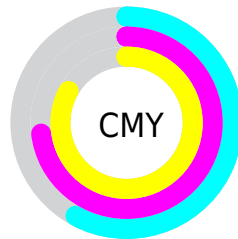
- Red (42%)
- Green (27%)
- Blue (17%)



- Red (42%)
- Yellow (35%)
- Blue (17%)



- Cyan (0%)
- Magenta (35%)
- Yellow (59%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B462C 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 6B462C by changing the saturation by 10% instead.





6B462C



6B462C

FFFFFF



512F17



A1765A



391A00



BC9073



220200



D9AB8D



000000



F6C6A7



FFE2C2



FFFFDE



FFFFFB



6B462C



6B462C

■ 6B4021

■ 6B4C37

■ 6B3917

■ 6B5341

■ 6B330C

■ 6B594C

■ 6B2D01

■ 6B5F57

■ 6B2C00

■ 6B6562

■ 6B6C6C

■ 6B7277

■ 6B7882

■ 6B7F8C

# Harmonies

## Analogous

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



74403B



6B462C



5B4D25

# Triad

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



6B462C



06594E



504971

# Complementary

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



6B462C



2C516B

# 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.



2D5076



6B462C



005862

# Square

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



6B462C



2E5739



005671



674263

# Rectangle

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



6B462C



4E5127



005671



464C74



# Sweetspot

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



6B462C



8C7D73



6B2C52



473E38



C7C7C7



474747



# Same Dimension

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



6B462C



8C5229



6B652C



363230



753000



F56500



# Inverse Universe

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



2C516B



29638C



2C326B



303336



004575



0090F5



# Previews

## White Background



This preview shows how the Hex color 6B462C looks on a white background.

## Color Contrast Check

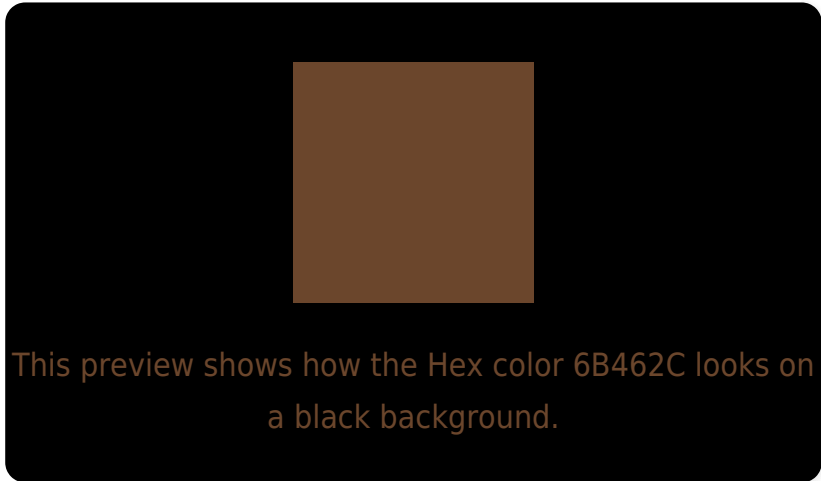
Large Text (above 18pt) WCAG AA ✓ Pass

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

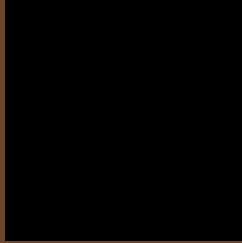
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B462C Background



This preview shows how black text looks on a background with the Hex color 6B462C.



This preview shows how white text looks on a background with the Hex color 6B462C.

# 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**  
6B462C

**Protanopia**  
564F2F

**Deuteranopia**  
604B2B



**Tritanopia**  
6D4348

# Trichromacy



**Original Color**  
6B462C

**Protanomaly**  
5E4C2E

**Deuteranomaly**  
64492B

**Tritanomaly**  
6C443E

# Monochromacy



**Original Color**  
6B462C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
594B42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B462C 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 #6B462C looks like.

```
.text, #text, p{  
    color:#6B462C  
}
```

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 #6B462C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B462C  
}
```

## Border

The CSS property to change the border of an element to Hex 6B462C is called "border". The border property can be set on classes, ids or directly on the HTML element.

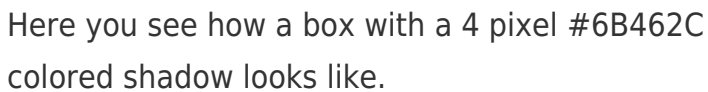
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6B462C }
```

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

```
.border{ border-color:#6B462C }
```

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



Here you see how a box with a 4 pixel #6B462C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B462C; -webkit-box-shadow:4px 4px  
4px 4px #6B462C; box-shadow:4px 4px 4px  
4px #6B462C }
```

# Background

The CSS property to change the background color of an element to Hex 6B462C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B462C }
```

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

```
.background{ background-color:#6B462C }
```

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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