

# Converting Colors

Hex(6B672E)

Have a look what the booklet for  
Hex(6B672E) contains.

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# Color

Hex(6B672E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B672E
RGB	107, 103, 46
RGB Percent	42%, 40%, 18%
CMY	0.5804, 0.5961, 0.8196
CMYK	0.00, 0.04, 0.57, 0.58
HSL	56°, 40%, 30%
HSV	56°, 57%, 42%
XYZ	11.4068, 13.0236, 4.4974
YIQ	97.6980, 20.6810, -16.8790

# Conversions

## Conversions Part 2

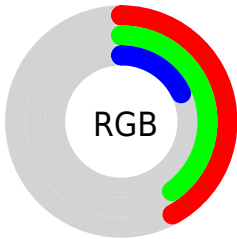
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 107, 46
Decimal	7038766
CIELab	42.80, -6.81, 32.24
CIELCh	43, 32.954, 101.932
Yxy	13.0236, 0.3943, 0.4502
Android (android.graphics.Color)	4285228846 (0xFF6B672E)
YUV	97.6980, -25.4871, 8.1579
Hunter-Lab	36.0882, -6.7338, 17.8729

# Details

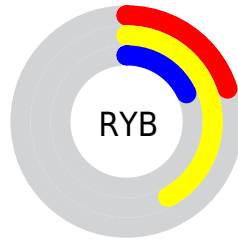
The Hex color **6B672E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2E326B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A09A5E**, and **3A3800** is the 20% darker color. If you saturate the color by 10%, you get **6B6623**, and if you desaturate by 10%, it is **6B6839**.

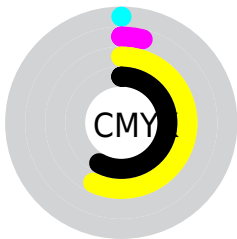
# Distribution



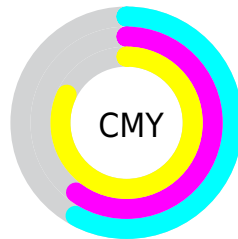
- Red (42%)
- Green (40%)
- Blue (18%)



- Red (20%)
- Yellow (42%)
- Blue (18%)



- Cyan (0%)
- Magenta (4%)
- Yellow (57%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B672E 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 6B672E by changing the saturation by 10% instead.





6B672E



6B672E

FFFFFF



524F17



A09A5E



3A3800



BBB577



222300



D8D091



000E00



F5ECAC



000000



FFFFC8



FFFFE4



6B672E



6B672E



6B6623



6B6839

 6B6619

 6B6843

 6B650E

 6B694E

 6B6403

 6B6A59

 6B6400

 6B6B64

 6B6B6E

 6B6C79

 6B6D84

 6B6D8E

# Harmonies

## Analogous

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



835E31



6B672E



4D6E3B

# Triad

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



6B672E



007189



8F5177

# Complementary

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



6B672E



2E326B

# 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.



755A8E



6B672E



006D98

# Square

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



6B672E



00736F



4C649A



994F5B

# Rectangle

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



6B672E



35714A



4C649A



88537F



# Sweetspot

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



6B672E



8C8B74



6B2E32



474639



C7C7C7



474747



# Same Dimension

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



6B672E



8C862D



516B2E



363530



756E00



F5E500



# Inverse Universe

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



2E326B



2D338C



482E6B



303136



000875



0010F5



# Previews

## White Background



This preview shows how the Hex color 6B672E looks on a white background.

## Color Contrast Check

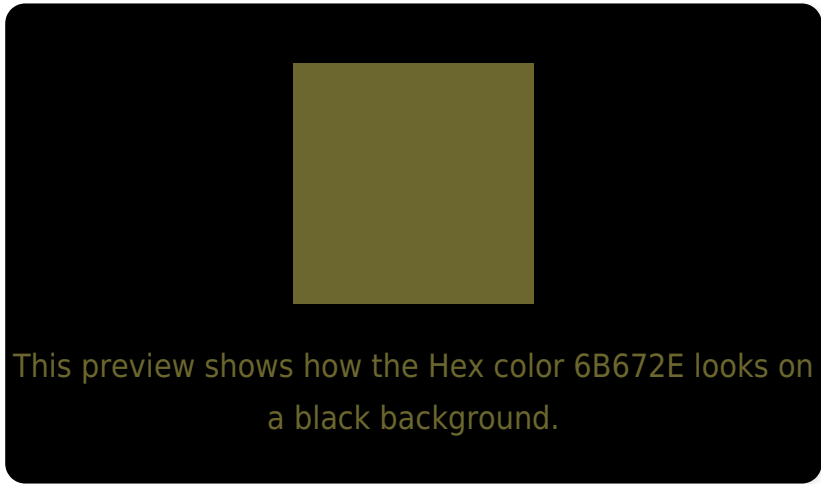
Large Text (above 18pt) WCAG AA ✓ Pass

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

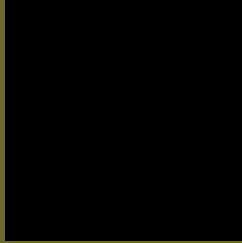
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B672E Background



This preview shows how black text looks on a background with the Hex color 6B672E.



This preview shows how white text looks on a background with the Hex color 6B672E.

# 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**  
6B672E

**Protanopia**  
70652D

**Deuteranopia**  
7D6030



**Tritanopia**  
716168

# Trichromacy



**Original Color**  
6B672E

**Protanomaly**  
6E662D

**Deuteranomaly**  
76632F

**Tritanomaly**  
6F6353

# Monochromacy



**Original Color**  
6B672E

**Achromatopsia**  
626262

**Achromatomaly**  
65644F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B672E 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 #6B672E looks like.

```
.text, #text, p{  
    color:#6B672E  
}
```

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 #6B672E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B672E
}
```

## Border

The CSS property to change the border of an element to Hex 6B672E is called "border". The border property can be set on classes, ids or directly on the HTML element.

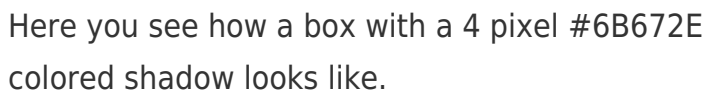
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B672E }
```

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

```
.border{ border-color:#6B672E }
```

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



Here you see how a box with a 4 pixel #6B672E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B672E; -webkit-box-shadow:4px 4px  
4px 4px #6B672E; box-shadow:4px 4px 4px  
4px #6B672E }
```

# Background

The CSS property to change the background color of an element to Hex 6B672E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B672E }
```

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

```
.background{ background-color:#6B672E }
```

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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