

# Converting Colors

Hex(6B4C1E)

Have a look what the booklet for  
Hex(6B4C1E) contains.

<b>Hex(6B4C1E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6B4C1E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B4C1E
RGB	107, 76, 30
RGB Percent	42%, 30%, 12%
CMY	0.5804, 0.7020, 0.8824
CMYK	0.00, 0.29, 0.72, 0.58
HSL	36°, 56%, 27%
HSV	36°, 72%, 42%
XYZ	8.8822, 8.3884, 2.3793
YIQ	80.0250, 33.2420, -7.7340

# Conversions

## Conversions Part 2

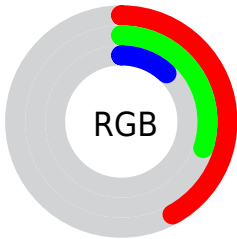
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 107, 30
Decimal	7031838
CIE <sub>Lab</sub>	34.78, 8.02, 31.64
CIE <sub>LCh</sub>	35, 32.637, 75.770
Yxy	8.3884, 0.4520, 0.4269
Android (android.graphics.Color)	4285221918 (0xFF6B4C1E)
YUV	80.0250, -24.6623, 23.6571
Hunter-Lab	28.9628, 4.0568, 15.4033

# Details

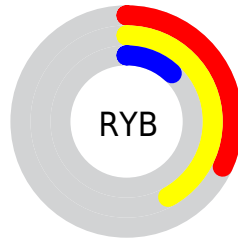
The Hex color **6B4C1E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1E3D6B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A17D4C**, and **382000** is the 20% darker color. If you saturate the color by 10%, you get **6B4813**, and if you desaturate by 10%, it is **6B5029**.

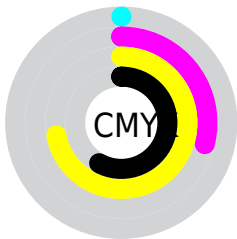
# Distribution



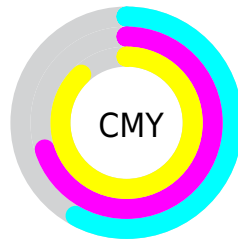
- Red (42%)
- Green (30%)
- Blue (12%)



- Red (32%)
- Yellow (42%)
- Blue (12%)



- Cyan (0%)
- Magenta (29%)
- Yellow (72%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B4C1E 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 6B4C1E by changing the saturation by 10% instead.





6B4C1E



6B4C1E

FFFFFF



513506



A17D4C



382000



BD9765



200A00



DAB17E



000000



F7CD98



FFE9B3



FFFFCF



FFFFEB



6B4C1E



6B4C1E

■ 6B4813

■ 6B5029

■ 6B4309

■ 6B5533

■ 6B4000

■ 6B593E

■ 6B5D49

■ 6B6254

■ 6B665E

■ 6B6A69

■ 6B6E74

■ 6B737E

# Harmonies

## Analogous

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



7C422E



6B4C1E



53551D

# Triad

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



6B4C1E



005F5F



654576

# Complementary

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



6B4C1E



1E3D6B

# 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.



3E5084



6B4C1E



005D76

# Square

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



6B4C1E



005E44



005884



7B3D5F

# Rectangle

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



6B4C1E



415926



005884



5A497C



# Sweetspot

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



6B4C1E



8C806D



6B1E3E



474035



C7C7C7



474747



# Same Dimension

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



6B4C1E



8C5C14



656B1E



363330



754600



F59200



# Inverse Universe

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



1E3D6B



14448C



241E6B



303236



002F75



0063F5



# Previews

## White Background



This preview shows how the Hex color 6B4C1E 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 6B4C1E Background



This preview shows how black text looks on a background with the Hex color 6B4C1E.



This preview shows how white text looks on a background with the Hex color 6B4C1E.

# 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**  
6B4C1E

**Protanopia**  
5C5220

**Deuteranopia**  
674E1D



**Tritanopia**  
6E474D

# Trichromacy



**Original Color**  
6B4C1E

**Protanomaly**  
61501F

**Deuteranomaly**  
684D1D

**Tritanomaly**  
6D493C

# Monochromacy



**Original Color**  
6B4C1E

**Achromatopsia**  
505050

**Achromatomaly**  
5A4F3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B4C1E 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 #6B4C1E looks like.

```
.text, #text, p{  
    color:#6B4C1E  
}
```

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 #6B4C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4C1E
}
```

## Border

The CSS property to change the border of an element to Hex 6B4C1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

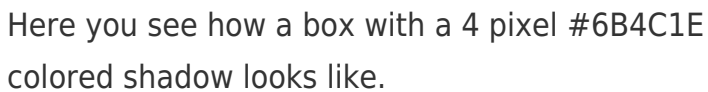
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4C1E }
```

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

```
.border{ border-color:#6B4C1E }
```

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



Here you see how a box with a 4 pixel #6B4C1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4C1E; -webkit-box-shadow:4px 4px  
4px 4px #6B4C1E; box-shadow:4px 4px 4px  
4px #6B4C1E }
```

# Background

The CSS property to change the background color of an element to Hex 6B4C1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4C1E }
```

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

```
.background{ background-color:#6B4C1E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor