

# Converting Colors

Hex(6A411E)

Have a look what the booklet for  
Hex(6A411E) contains.

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**Color**

**Hex(6A411E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A411E
RGB	106, 65, 30
RGB Percent	42%, 25%, 12%
CMY	0.5843, 0.7451, 0.8824
CMYK	0.00, 0.39, 0.72, 0.58
HSL	28°, 56%, 27%
HSV	28°, 72%, 42%
XYZ	8.0685, 6.9385, 2.1423
YIQ	73.2690, 35.6710, -2.1930

# Conversions

## Conversions Part 2

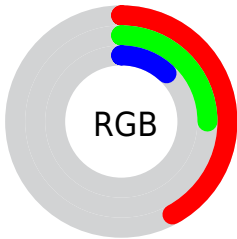
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 95, 30
Decimal	6963486
CIE <sub>Lab</sub>	31.67, 14.29, 28.19
CIE <sub>LCh</sub>	32, 31.604, 63.124
Yxy	6.9385, 0.4705, 0.4046
Android (android.graphics.Color)	4285153566 (0xFF6A411E)
YUV	73.2690, -21.3316, 28.7051
Hunter-Lab	26.3410, 8.5794, 13.6167

# Details

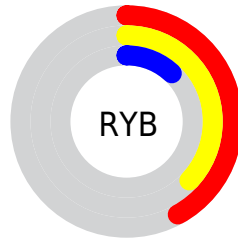
The Hex color **6A411E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1E476A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A0714B**, and **371600** is the 20% darker color. If you saturate the color by 10%, you get **6A3B13**, and if you desaturate by 10%, it is **6A4729**.

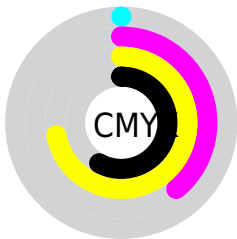
# Distribution



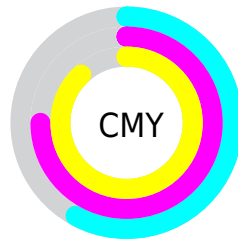
- Red (42%)
- Green (25%)
- Blue (12%)



- Red (42%)
- Yellow (37%)
- Blue (12%)



- Cyan (0%)
- Magenta (39%)
- Yellow (72%)
- Black (58%)



- Cyan (58%)
- Magenta (75%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A411E 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 6A411E by changing the saturation by 10% instead.



 6A411E

 6A411E

FFFFFF

 502B07

 A0714B

 371600

 BD8B64

 200000

 D9A57D

 000000

 F7C097

 FFDCB2

 FFF9CE

 FFFFEA

 6A411E

 6A411E

■ 6A3B13

■ 6A4729

■ 6A3609

■ 6A4C33

■ 6A3100

■ 6A523E

■ 6A5848

■ 6A5E53

■ 6A635E

■ 6A6968

■ 6A6F73

■ 6A747D

# Harmonies

## Analogous

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



763831



6A411E



564A16

# Triad

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



6A411E



00574C



4F4374

# Complementary

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



6A411E



1E476A

# 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.



1D4C7C



6A411E



005665

# Square

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



6A411E



185533



005376



6B3961

# Rectangle

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



6A411E



464F1A



005376



424678



# Sweetspot

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



6A411E



8A796B



6A1E48



453B33



C4C4C4



454545



# Same Dimension

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



6A411E



8A4A13



6A661E



363330



753600



F57100



# Inverse Universe

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



1E476A



13538A



1E226A



303336



003F75



0084F5



# Previews

## White Background



This preview shows how the Hex color 6A411E looks on a white background.

## Color Contrast Check

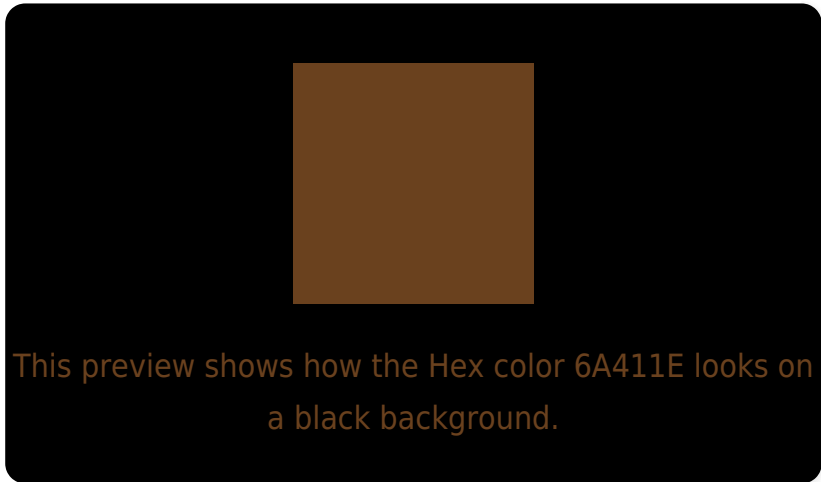
Large Text (above 18pt) WCAG AA ✓ Pass

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

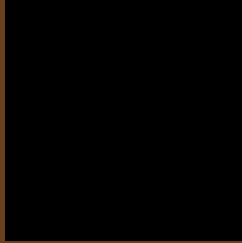
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A411E Background



This preview shows how black text looks on a background with the Hex color 6A411E.



This preview shows how white text looks on a background with the Hex color 6A411E.

# 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**  
6A411E

**Protanopia**  
534B21

**Deuteranopia**  
5D471C



**Tritanopia**  
6C3D42

# Trichromacy



**Original Color**  
6A411E

**Protanomaly**  
5B4720

**Deuteranomaly**  
62451D

**Tritanomaly**  
6B3E35

# Monochromacy



**Original Color**  
6A411E

**Achromatopsia**  
494949

**Achromatomaly**  
554639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A411E 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 #6A411E looks like.

```
.text, #text, p{  
    color:#6A411E  
}
```

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 #6A411E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A411E
}
```

## Border

The CSS property to change the border of an element to Hex 6A411E is called "border". The border property can be set on classes, ids or directly on the HTML element.

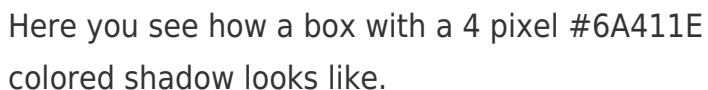
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A411E }
```

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

```
.border{ border-color:#6A411E }
```

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



Here you see how a box with a 4 pixel #6A411E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A411E; -webkit-box-shadow:4px 4px  
4px 4px #6A411E; box-shadow:4px 4px 4px  
4px #6A411E }
```

# Background

The CSS property to change the background color of an element to Hex 6A411E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A411E }
```

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

```
.background{ background-color:#6A411E }
```

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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