

# Converting Colors

Hex(6A3F2F)

Have a look what the booklet for  
Hex(6A3F2F) contains.

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**Color**

**Hex(6A3F2F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A3F2F
RGB	106, 63, 47
RGB Percent	42%, 25%, 18%
CMY	0.5843, 0.7529, 0.8157
CMYK	0.00, 0.41, 0.56, 0.58
HSL	16°, 39%, 30%
HSV	16°, 56%, 42%
XYZ	8.2345, 6.8244, 3.5726
YIQ	74.0330, 30.7640, 4.1400

# Conversions

## Conversions Part 2

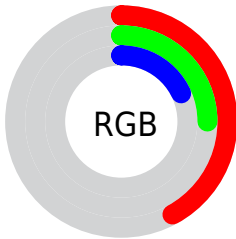
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 69, 47
Decimal	6962991
CIELab	31.40, 16.92, 17.70
CIElCh	31, 24.485, 46.302
Yxy	6.8244, 0.4420, 0.3663
Android (android.graphics.Color)	4285153071 (0xFF6A3F2F)
YUV	74.0330, -13.3273, 28.0351
Hunter-Lab	26.1236, 10.5490, 10.1782




# Details

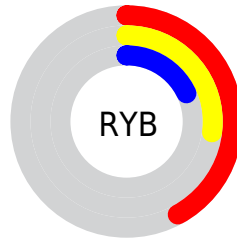
The Hex color **6A3F2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F5A6A**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **A06F5D**, and **381300** is the 20% darker color. If you saturate the color by 10%, you get **6A3724**, and if you desaturate by 10%, it is **6A473A**.

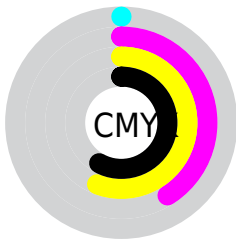
# Distribution







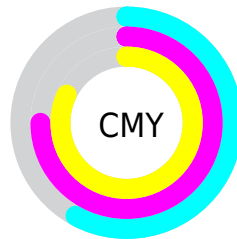
-  Red (42%)
-  Green (25%)
-  Blue (18%)






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



-  Cyan (0%)
-  Magenta (41%)
-  Yellow (56%)
-  Black (58%)



-  Cyan (58%)
-  Magenta (75%)
-  Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A3F2F 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 6A3F2F by changing the saturation by 10% instead.





6A3F2F



6A3F2F

FFFFFF



50291A



A06F5D



381300



BB8976



220000



D8A390



000000



F5BEAA



FFDAC5



FFF7E1

FFFFFFE



6A3F2F



6A3F2F

■ 6A3724

■ 6A473A

■ 6A301A

■ 6A4E44

■ 6A280F

■ 6A564F

■ 6A2005

■ 6A5E59

■ 6A1D00

■ 6A6664

■ 6A6D6F

■ 6A7579

■ 6A7D84

■ 6A858E

# Harmonies

## Analogous

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



6F3B40



6A3F2F



5D4624

# Triad

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



6A3F2F



1A5340



3E486F

# Complementary

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



6A3F2F



2F5A6A

# 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.



164E6F



6A3F2F



005454

# Square

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



6A3F2F



36512F



005265



594165

# Rectangle

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



6A3F2F



524A23



005265



334A70



# Sweetspot

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



6A3F2F



8A7972



6A2F5A



453B37



C4C4C4



454545



# Same Dimension

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



6A3F2F



8A462D



6A5C2F



363230



752000



F54200



# Inverse Universe

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



2F5A6A



2D718A



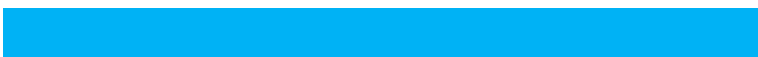
2F3D6A



303436



005575



00B2F5



# Previews

## White Background



This preview shows how the Hex color 6A3F2F looks on a white background.

## Color Contrast Check

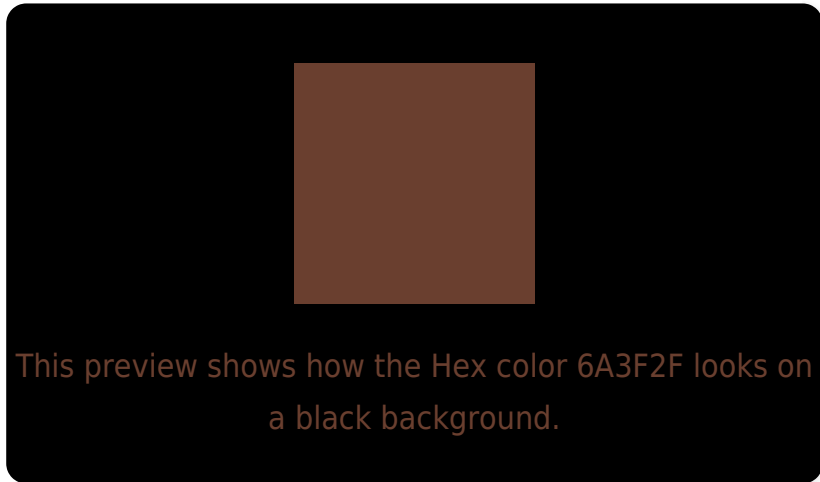
Large Text (above 18pt) WCAG AA ✓ Pass

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

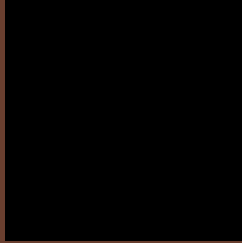
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A3F2F Background



This preview shows how black text looks on a background with the Hex color 6A3F2F.

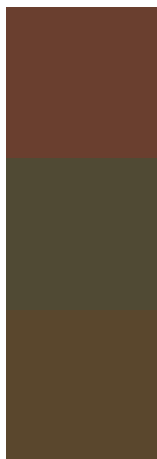


This preview shows how white text looks on a background with the Hex color 6A3F2F.

# 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**  
6A3F2F

**Protanopia**  
504A34

**Deuteranopia**  
5A472D



**Tritanopia**  
6B3D41

# Trichromacy



**Original Color**  
6A3F2F

**Protanomaly**  
594632

**Deuteranomaly**  
60442E

**Tritanomaly**  
6B3E3A

# Monochromacy



**Original Color**  
6A3F2F

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
564640

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A3F2F 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 #6A3F2F looks like.

```
.text, #text, p{  
    color:#6A3F2F  
}
```

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 #6A3F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3F2F  
}
```

## Border

The CSS property to change the border of an element to Hex 6A3F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

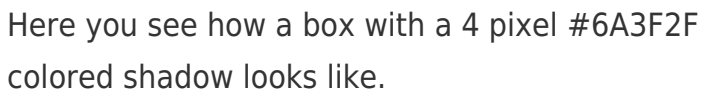
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A3F2F }
```

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

```
.border{ border-color:#6A3F2F }
```

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



Here you see how a box with a 4 pixel #6A3F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3F2F; -webkit-box-shadow:4px 4px  
4px 4px #6A3F2F; box-shadow:4px 4px 4px  
4px #6A3F2F }
```

# Background

The CSS property to change the background color of an element to Hex 6A3F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3F2F }
```

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

```
.background{ background-color:#6A3F2F }
```

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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