

# Converting Colors

Hex(6A2C2A)

Have a look what the booklet for  
Hex(6A2C2A) contains.

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# Color

**Hex(6A2C2A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A2C2A
RGB	106, 44, 42
RGB Percent	42%, 17%, 16%
CMY	0.5843, 0.8275, 0.8353
CMYK	0.00, 0.58, 0.60, 0.58
HSL	2°, 43%, 29%
HSV	2°, 60%, 42%
XYZ	7.2625, 5.0327, 2.7791
YIQ	62.3100, 37.5940, 12.5220

# Conversions

## Conversions Part 2

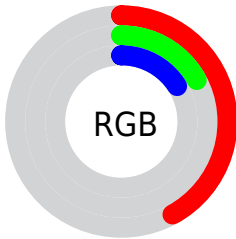
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 44, 42
Decimal	6958122
CIE <sub>Lab</sub>	26.83, 27.57, 14.95
CIE <sub>LCh</sub>	27, 31.363, 28.478
Yxy	5.0327, 0.4818, 0.3339
Android (android.graphics.Color)	4285148202 (0xFF6A2C2A)
YUV	62.3100, -10.0128, 38.3161
Hunter-Lab	22.4337, 18.5269, 8.3586

# Details

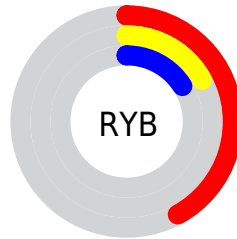
The Hex color **6A2C2A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A686A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **A15C57**, and **370000** is the 20% darker color. If you saturate the color by 10%, you get **6A221F**, and if you desaturate by 10%, it is **6A3635**.

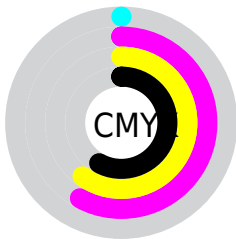
# Distribution



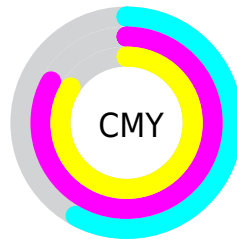
- Red (42%)
- Green (17%)
- Blue (16%)



- Red (42%)
- Yellow (17%)
- Blue (16%)



- Cyan (0%)
- Magenta (58%)
- Yellow (60%)
- Black (58%)



- Cyan (58%)
- Magenta (83%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A2C2A 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 6A2C2A by changing the saturation by 10% instead.



 6A2C2A

 6A2C2A

FFFFFF

 501516

 A15C57

 370000

 BD7570

 1B0001

 DA8F89

 000000

 F7AAA3

 FFC6BE

 FFE2DA

 FFFFF7

 6A2C2A

 6A2C2A

■ 6A221F

■ 6A3635

■ 6A1715

■ 6A413F

■ 6A0D0A

■ 6A4B4A

■ 6A0300

■ 6A5554

■ 6A5F5F

■ 6A6A6A

■ 6A7474

■ 6A7E7F

■ 6A8889

# Harmonies

## Analogous

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



692942



6A2C2A



5F3516

# Triad

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



6A2C2A



134925



00426F

# Complementary

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



6A2C2A



2A686A

# 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.



004868



6A2C2A



004B3D

# Square

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



6A2C2A



354512



004B56



3E3A6A

# Rectangle

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



6A2C2A



543B0D



004B56



00456E



# Sweetspot

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



6A2C2A



8A7271



6A2A69



453636



C4C4C4



454545



# Same Dimension

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



6A2C2A



8A2A27



6A4B2A



363030



750400



F50800



# Inverse Universe

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



2A686A



27878A



2A496A



303536



007275

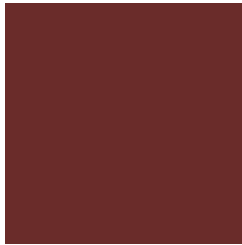


00EDF5



# Previews

## White Background



This preview shows how the Hex color 6A2C2A looks on a white background.

## Color Contrast Check

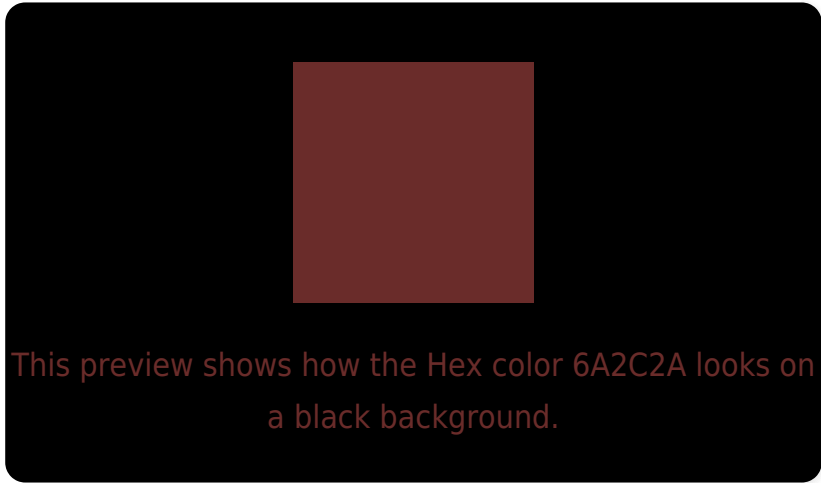
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A2C2A Background



This preview shows how black text looks on a background with the Hex color 6A2C2A.

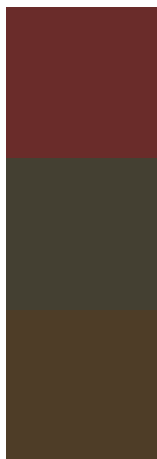


This preview shows how white text looks on a background with the Hex color 6A2C2A.

# 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**  
6A2C2A

**Protanopia**  
444032

**Deuteranopia**  
4E3D27



**Tritanopia**  
6A2B2E

# Trichromacy



**Original Color**

6A2C2A

**Protanomaly**

52392F

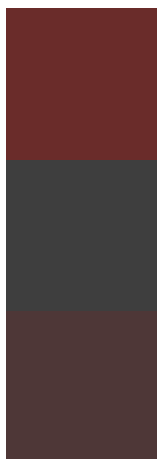
**Deuteranomaly**

583728

**Tritanomaly**

6A2B2D

# Monochromacy



**Original Color**

6A2C2A

**Achromatopsia**

3E3E3E

**Achromatomaly**

4E3737

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A2C2A 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 #6A2C2A looks like.

```
.text, #text, p{  
    color:#6A2C2A  
}
```

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 #6A2C2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2C2A
}
```

## Border

The CSS property to change the border of an element to Hex 6A2C2A 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".

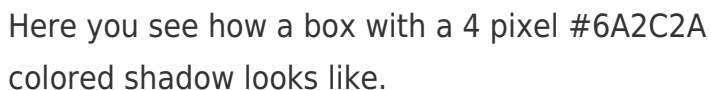
```
.border, #border, table{ border:4px solid
#6A2C2A }
```

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

```
.border{ border-color:#6A2C2A }
```

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

Here you see how a box with a 4 pixel #6A2C2A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6A2C2A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2C2A; -webkit-box-shadow:4px 4px  
4px 4px #6A2C2A; box-shadow:4px 4px 4px  
4px #6A2C2A }
```

# Background

The CSS property to change the background color of an element to Hex 6A2C2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2C2A }
```

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

```
.background{ background-color:#6A2C2A }
```

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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