

# Converting Colors

Hex(6A2B1A)

Have a look what the booklet for  
Hex(6A2B1A) contains.

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**Color**

**Hex(6A2B1A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A2B1A
RGB	106, 43, 26
RGB Percent	42%, 17%, 10%
CMY	0.5843, 0.8314, 0.8980
CMYK	0.00, 0.59, 0.75, 0.58
HSL	13°, 61%, 26%
HSV	13°, 75%, 42%
XYZ	6.9942, 4.8665, 1.5480
YIQ	59.8990, 43.0050, 8.0690

# Conversions

## Conversions Part 2

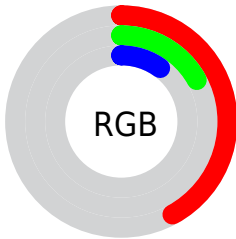
Format	Color
<b>RYB</b>	106, 48, 26
Decimal	6957850
CIELab	26.35, 26.98, 24.57
CIElCh	26, 36.489, 42.324
Yxy	4.8665, 0.5216, 0.3629
Android (android.graphics.Color)	4285147930 (0xFF6A2B1A)
YUV	59.8990, -16.7122, 40.4306
Hunter-Lab	22.0602, 17.9883, 11.2817

# Details

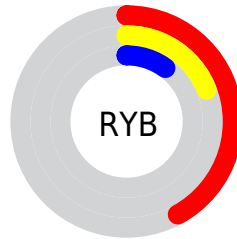
The Hex color **6A2B1A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1A596A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A25B46**, and **350000** is the 20% darker color. If you saturate the color by 10%, you get **6A230F**, and if you desaturate by 10%, it is **6A3325**.

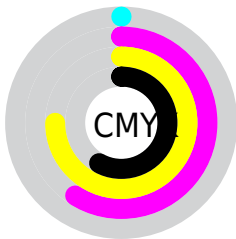
# Distribution



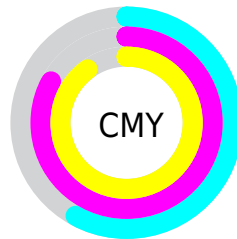
- Red (42%)
- Green (17%)
- Blue (10%)



- Red (42%)
- Yellow (19%)
- Blue (10%)



- Cyan (0%)
- Magenta (59%)
- Yellow (75%)
- Black (58%)



- Cyan (58%)
- Magenta (83%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A2B1A 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 6A2B1A by changing the saturation by 10% instead.



 6A2B1A

 6A2B1A

FFFFFF

 4F1401

 A25B46

 350000

 BE745E

 180001

 DC8E77

 000000

 F9A990

 FFC4AB

 FFE0C6

 FFFDE2

 6A2B1A

 6A2B1A

■ 6A230F

■ 6A3325

■ 6A1A05

■ 6A3C2F

■ 6A1700

■ 6A443A

■ 6A4C44

■ 6A554F

■ 6A5D5A

■ 6A6564

■ 6A6E6F

■ 6A7679

# Harmonies

## Analogous

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



702234



6A2B1A



593703

# Triad

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



6A2B1A



004A2C



163E75

# Complementary

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



6A2B1A



1A596A

# 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.



004673



6A2B1A



004B49

# Square

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



6A2B1A



224711



004A63



4E3268

# Rectangle

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



6A2B1A



4A3E00



004A63



004176



# Sweetspot

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



6A2B1A



8A716A



6A1A5A



453632



C4C4C4



454545



# Same Dimension

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



6A2B1A



8A270C



6A521A



363130



751900



F53400



# Inverse Universe

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



1A596A



0C6F8A



1A326A



303436



005C75



00C1F5



# Previews

## White Background



This preview shows how the Hex color 6A2B1A looks on a white background.

## Color Contrast Check

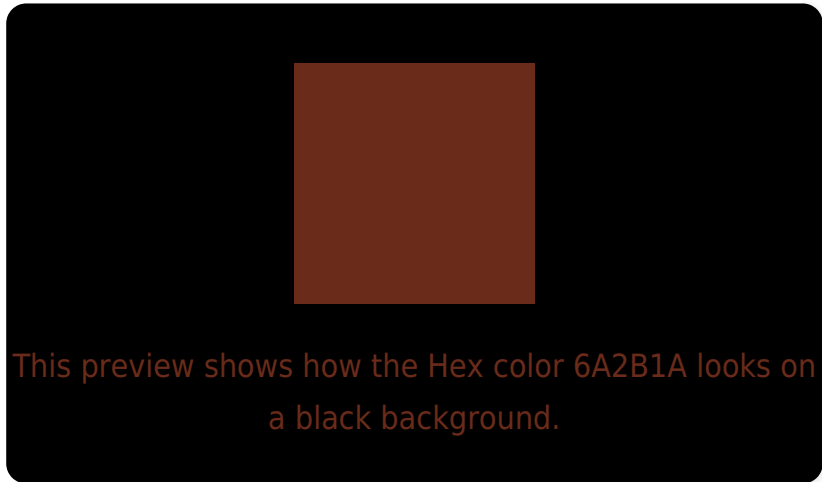
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A2B1A Background



This preview shows how black text looks on a background with the Hex color 6A2B1A.

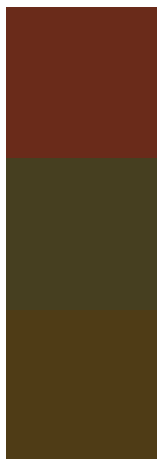


This preview shows how white text looks on a background with the Hex color 6A2B1A.

# 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**  
6A2B1A

**Protanopia**  
463F20

**Deuteranopia**  
4F3C16



**Tritanopia**  
6B292B

# Trichromacy



**Original Color**  
6A2B1A

**Protanomaly**  
53381E

**Deuteranomaly**  
593617

**Tritanomaly**  
6B2A25

# Monochromacy



**Original Color**  
6A2B1A

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
4D3630

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A2B1A 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 #6A2B1A looks like.

```
.text, #text, p{  
    color:#6A2B1A  
}
```

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 #6A2B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2B1A
}
```

## Border

The CSS property to change the border of an element to Hex 6A2B1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

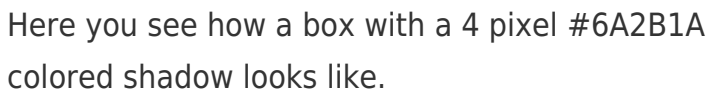
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2B1A }
```

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

```
.border{ border-color:#6A2B1A }
```

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



Here you see how a box with a 4 pixel #6A2B1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2B1A; -webkit-box-shadow:4px 4px  
4px 4px #6A2B1A; box-shadow:4px 4px 4px  
4px #6A2B1A }
```

# Background

The CSS property to change the background color of an element to Hex 6A2B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2B1A }
```

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

```
.background{ background-color:#6A2B1A }
```

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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