

# Converting Colors

Hex(A37A2A)

Have a look what the booklet for  
Hex(A37A2A) contains.

<b>Hex(A37A2A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A37A2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A37A2A
RGB	163, 122, 42
RGB Percent	64%, 48%, 16%
CMY	0.3608, 0.5216, 0.8353
CMYK	0.00, 0.25, 0.74, 0.36
HSL	40°, 59%, 40%
HSV	40°, 74%, 64%
XYZ	22.4817, 21.8728, 5.2274
YIQ	125.1390, 50.1160, -16.1880

# Conversions

## Conversions Part 2

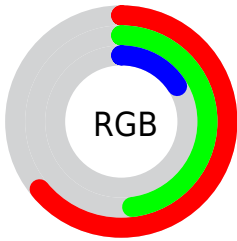
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 163, 42</a>
Decimal	<a href="#">10713642</a>
CIELab	<a href="#">53.89, 7.96, 47.81</a>
CIElCh	<a href="#">54, 48.472, 80.546</a>
Yxy	<a href="#">21.8728, 0.4534, 0.4411</a>
Android (android.graphics.Color)	<a href="#">4288903722</a> ( <a href="#">0xFFA37A2A</a> )
YUV	<a href="#">125.1390, -40.9875, 33.2041</a>
Hunter-Lab	<a href="#">46.7683, 3.9610, 26.1108</a>

# Details

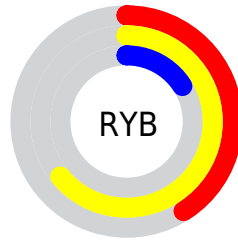
The Hex color **A37A2A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2A53A3**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DDAE5D**, and **6B4A00** is the 20% darker color. If you saturate the color by 10%, you get **A3741A**, and if you desaturate by 10%, it is **A3803A**.

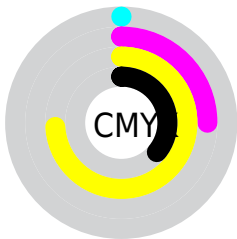
# Distribution



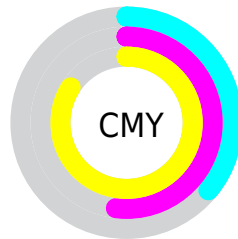
- Red (64%)
- Green (48%)
- Blue (16%)



- Red (41%)
- Yellow (64%)
- Blue (16%)



- Cyan (0%)
- Magenta (25%)
- Yellow (74%)
- Black (36%)



- Cyan (36%)
- Magenta (52%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A37A2A 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 A37A2A by changing the saturation by 10% instead.



 A37A2A

 A37A2A

FFFFFF

 87610E

 DDAE5D

 6B4A00

 FBCA76

 503300

 FFE691

 361E00

 FFFFAC

 1E0700

 FFFFC8

 000000

 FFFF E4

 A37A2A

 A37A2A

 A3741A

 A3803A

 A36F09

 A3854B

 A36C00

 A38B5B

 A3906B

 A3967B

 A39B8C

 A3A19C

 A3A6AC

 A3ACBD

# Harmonies

## Analogous

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



C06A41



A37A2A



7C872D

# Triad

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



A37A2A



00959D



A76AB6

# Complementary

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



A37A2A



2A53A3

# 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.



6B7BCF



A37A2A



0092C1

# Square

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



A37A2A



009572



0089D3



C75D90

# Rectangle

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



A37A2A



5C8E3E



0089D3



9770C1



# Sweetspot

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



A37A2A



D4C4A5



A32A54



6B624F



EBEBEB



6B6B6B



# Same Dimension

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



A37A2A



D49417



91A32A



524F49



916000



120C00



# Inverse Universe

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



2A53A3



1757D4



3C2AA3



494C52



003191



000612



# Previews

## White Background



This preview shows how the Hex color A37A2A looks on a white background.

## Color Contrast Check

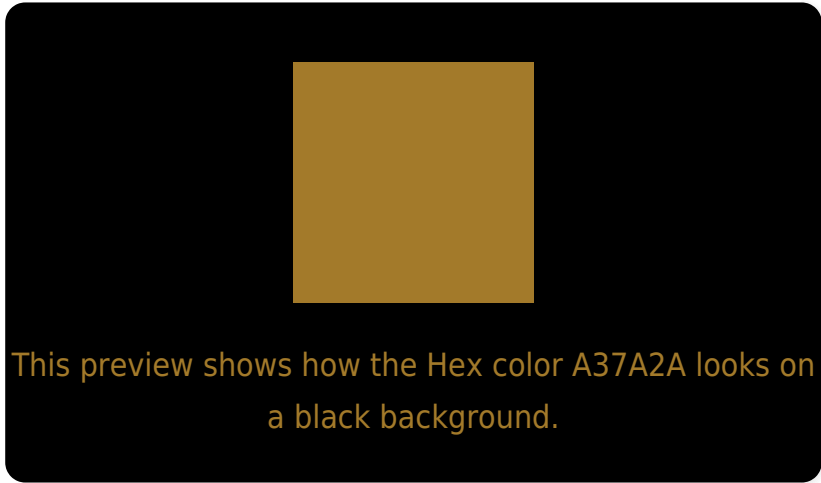
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



## Hex A37A2A Background



This preview shows how black text looks on a background with the Hex color A37A2A.



This preview shows how white text looks on a background with the Hex color A37A2A.

# 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**

A37A2A

**Protanopia**

90812C

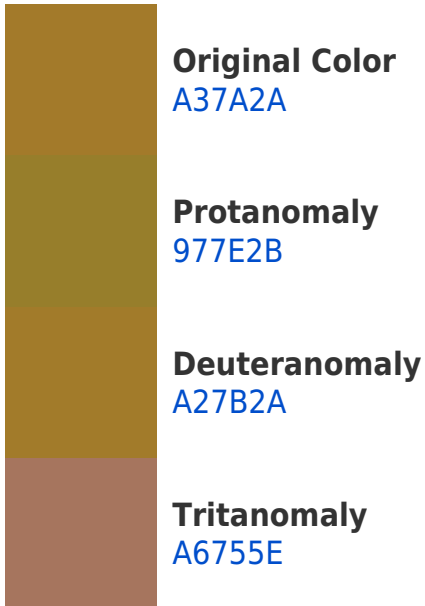
**Deuteranopia**

A27B2A



**Tritanopia**  
A8727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A37A2A 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 #A37A2A looks like.

```
.text, #text, p{  
    color:#A37A2A  
}
```

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 #A37A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A37A2A  
}
```

## Border

The CSS property to change the border of an element to Hex A37A2A 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  
#A37A2A }
```

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

```
.border{ border-color:#A37A2A }
```

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

Here you see how a box with a 4 pixel #A37A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A37A2A; -webkit-box-shadow:4px 4px  
4px 4px #A37A2A; box-shadow:4px 4px 4px  
4px #A37A2A }
```

# Background

The CSS property to change the background color of an element to Hex A37A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A37A2A }
```

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

```
.background{ background-color:#A37A2A }
```

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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