

# Converting Colors

Hex(A47A31)

Have a look what the booklet for  
Hex(A47A31) contains.

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**Color**

**Hex(A47A31)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A47A31                      |
| RGB         | 164, 122, 49                |
| RGB Percent | 64%, 48%, 19%               |
| CMY         | 0.3569, 0.5216, 0.8078      |
| CMYK        | 0.00, 0.26, 0.70, 0.36      |
| HSL         | 38°, 54%, 42%               |
| HSV         | 38°, 70%, 64%               |
| XYZ         | 22.8238, 22.0333, 5.9556    |
| YIQ         | 126.2360, 48.4650, -13.7990 |

# Conversions

## Conversions Part 2

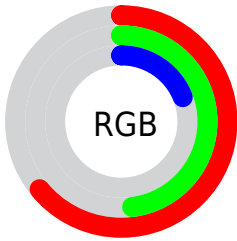
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 115, 164, 49                   |
| Decimal                             | 10779185                       |
| CIELab                              | 54.06, 8.79, 44.88             |
| CIELCh                              | 54, 45.730, 78.922             |
| Yxy                                 | 22.0333, 0.4492,<br>0.4336     |
| Android<br>(android.graphics.Color) | 4288969265<br>(0xFFA47A31)     |
| YUV                                 | 126.2360, -38.0773,<br>33.1190 |
| Hunter-Lab                          | 46.9397, 4.6487,<br>25.3351    |

# Details

The Hex color **A47A31** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **315BA4**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **DEAE63**, and **6C4A00** is the 20% darker color. If you saturate the color by 10%, you get **A47421**, and if you desaturate by 10%, it is **A48041**.

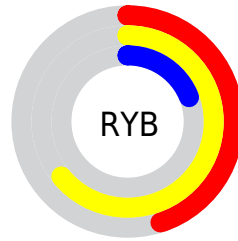
# Distribution



Red (64%)

Green (48%)

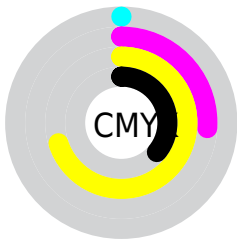
Blue (19%)



Red (45%)

Yellow (64%)

Blue (19%)

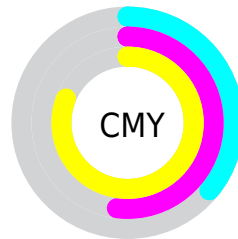


Cyan (0%)

Magenta (26%)

Yellow (70%)

Black (36%)



Cyan (36%)

Magenta (52%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A47A31 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 A47A31 by changing the saturation by 10% instead.



 A47A31

 A47A31

FFFFFF

 886118

 DEAE63

 6C4A00

 FCCA7D

 523300

 FFE697

 371E00

 FFFFB3

 1F0700

 FFFFCF

 000000

 FFFFEB

 A47A31

 A47A31

 A47421

 A48041

 A46E10

 A48652

 A46800

 A48C62

 A49273

 A49883

 A49E93

 A4A4A4

 A4AAB4

 A4B0C5

# Harmonies

## Analogous

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



BF6B47



A47A31



7F8732

# Triad

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



A47A31



00959A



A36DB6

# Complementary

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



A47A31



315BA4

# 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.



6A7DCC



A47A31



0092BC

# Square

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



A47A31



009471



008ACE



C26092

# Rectangle

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



A47A31



628D41



008ACE



9372BF



# Sweetspot

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



A47A31



D6C6A9



A4315B



6B6150



EBEBEB



6B6B6B



# Same Dimension

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



A47A31



D69422



95A431



524F49



915C00



120B00



# Inverse Universe

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



315BA4



2264D6



4031A4



494C52



003591



000712



# Previews

## White Background



This preview shows how the Hex color A47A31 looks on a white background.

## Color Contrast Check

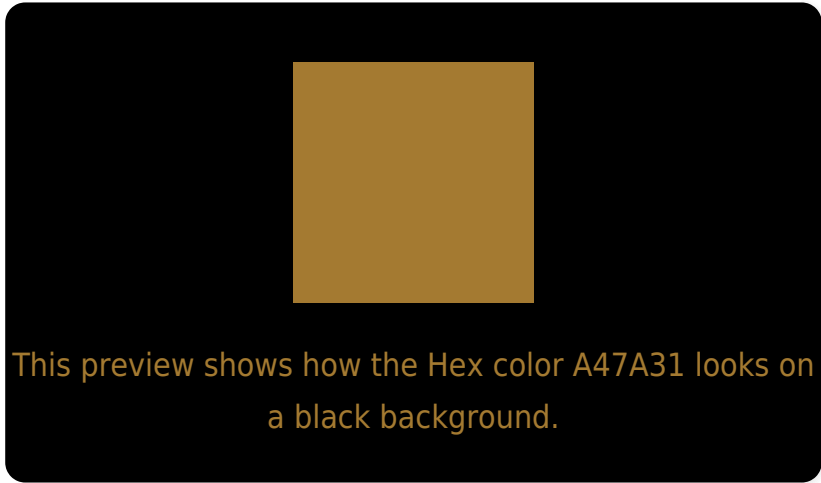
Large Text (above 18pt) WCAG AA ✓ Pass

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 A47A31 Background



This preview shows how black text looks on a background with the Hex color A47A31.



This preview shows how white text looks on a background with the Hex color A47A31.

# 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**  
A47A31

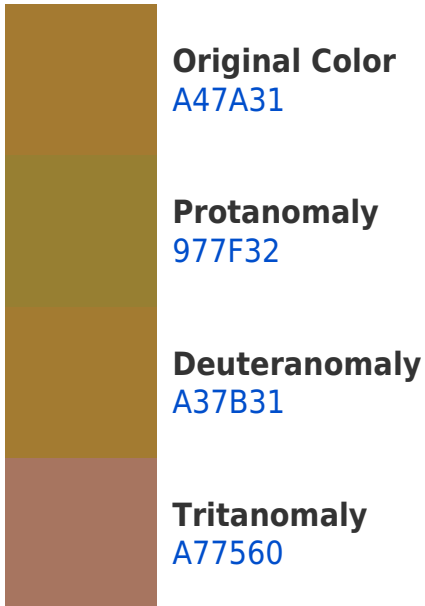
**Protanopia**  
908233

**Deuteranopia**  
A27B31



**Tritanopia**  
A9727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A47A31 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 #A47A31 looks like.

```
.text, #text, p{  
    color:#A47A31  
}
```

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 #A47A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A47A31
}
```

## Border

The CSS property to change the border of an element to Hex A47A31 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
#A47A31 }
```

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

```
.border{ border-color:#A47A31 }
```

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

Here you see how a box with a 4 pixel #A47A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A47A31; -webkit-box-shadow:4px 4px  
4px 4px #A47A31; box-shadow:4px 4px 4px  
4px #A47A31 }
```

# Background

The CSS property to change the background color of an element to Hex A47A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A47A31 }
```

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

```
.background{ background-color:#A47A31 }
```

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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