

# Converting Colors

Hex(A67C4C)

Have a look what the booklet for  
Hex(A67C4C) contains.

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**Color**

**Hex(A67C4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A67C4C
RGB	166, 124, 76
RGB Percent	65%, 49%, 30%
CMY	0.3490, 0.5137, 0.7020
CMYK	0.00, 0.25, 0.54, 0.35
HSL	32°, 37%, 47%
HSV	32°, 54%, 65%
XYZ	24.2380, 23.0441, 10.0079
YIQ	131.0860, 40.4400, -6.0240

# Conversions

## Conversions Part 2

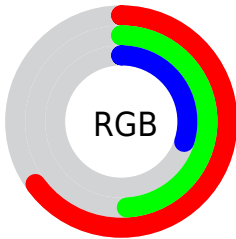
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 166, 76
Decimal	10910796
CIE <sub>Lab</sub>	55.12, 10.53, 32.36
CIE <sub>LCh</sub>	55, 34.027, 71.975
Yxy	23.0441, 0.4231, 0.4022
Android (android.graphics.Color)	4289100876 (0xFFA67C4C)
YUV	131.0860, -27.1574, 30.6196
Hunter-Lab	48.0043, 6.1197, 21.2422

# Details

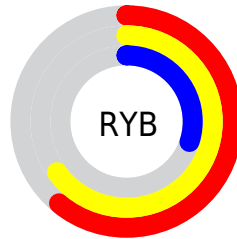
The Hex color **A67C4C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4C76A6**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **DFB07E**, and **6F4B1E** is the 20% darker color. If you saturate the color by 10%, you get **A6743B**, and if you desaturate by 10%, it is **A6845D**.

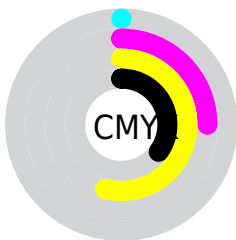
# Distribution



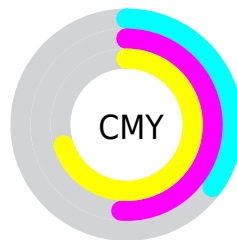
- Red (65%)
- Green (49%)
- Blue (30%)



- Red (61%)
- Yellow (65%)
- Blue (30%)



- Cyan (0%)
- Magenta (25%)
- Yellow (54%)
- Black (35%)



- Cyan (35%)
- Magenta (51%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A67C4C 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 A67C4C by changing the saturation by 10% instead.



 A67C4C

 A67C4C

FFFFFF

 8A6334

 DFB07E

 6F4B1E

 FDCC98

 553506

 FFE8B3

 3C1F00

 FFFFCE

 230A00

 FFFFEB

 000000

 A67C4C

 A67C4C

 A6743B

 A6845D

 A66D2B

 A68B6D

 A6651A

 A6937E

 A65D0A

 A69B8E

 A65900

 A6A39F

 A6AAB0

 A6B2C0

 A6BAD1

 A6C2E1

# Harmonies

## Analogous

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



B8725E



A67C4C



8B8649

# Triad

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



A67C4C



02948F



9678B0

# Complementary

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



A67C4C



4C76A6

# 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.



6C83BD



A67C4C



0092AA

# Square

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



A67C4C



449271



328CBB



B26F97

# Rectangle

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



A67C4C



768B51



328CBB



8A7CB6



# Sweetspot

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



A67C4C



D9C9B6



A64C76



6E6459



EDEDED



6E6E6E



# Same Dimension

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



A67C4C



D9974C



A3A64C



54504C



944F00



140B00



# Inverse Universe

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



4C76A6



4C8ED9



4F4CA6



4C5054



004594



000A14



# Previews

## White Background



This preview shows how the Hex color A67C4C looks on a white background.

## Color Contrast Check

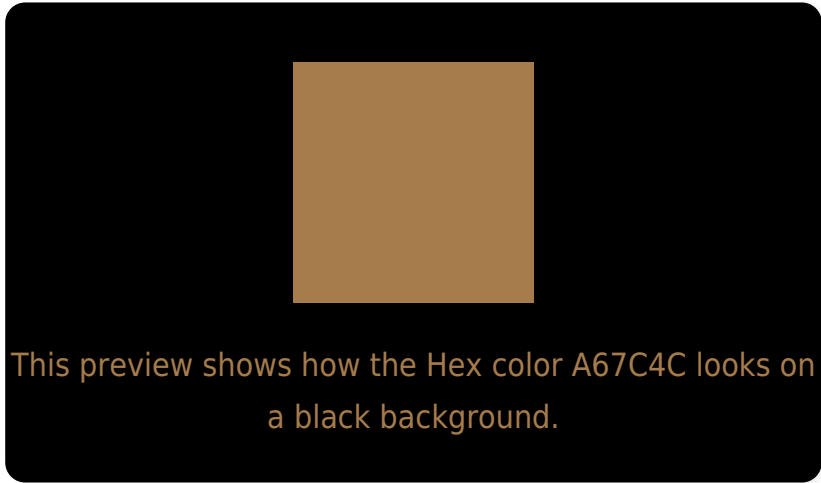
Large Text (above 18pt) WCAG AA ✓ Pass

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

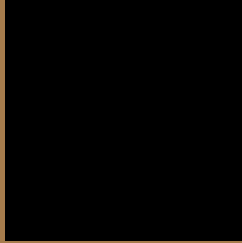
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A67C4C Background



This preview shows how black text looks on a background with the Hex color A67C4C.



This preview shows how white text looks on a background with the Hex color A67C4C.

# 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**  
A67C4C

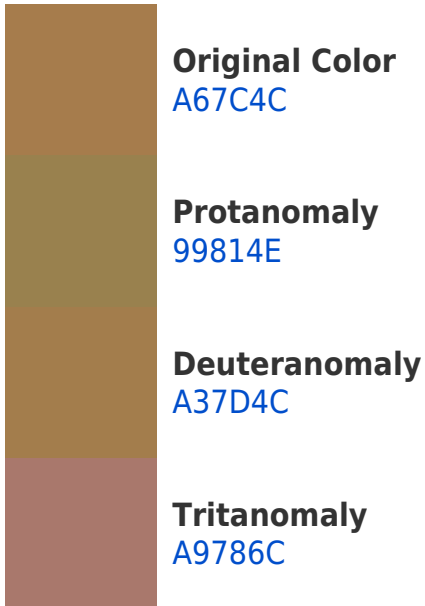
**Protanopia**  
91844F

**Deuteranopia**  
A17E4C

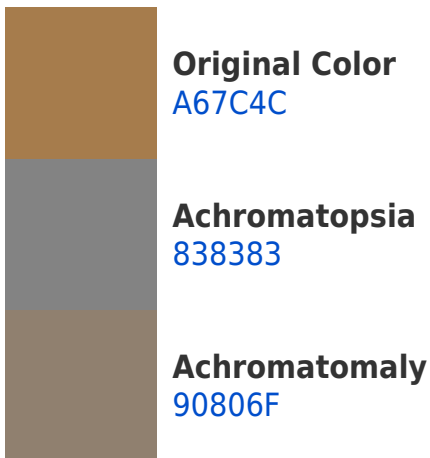


**Tritanopia**  
AA767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A67C4C 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 #A67C4C looks like.

```
.text, #text, p{  
    color:#A67C4C  
}
```

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 #A67C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A67C4C }  
}
```

## Border

The CSS property to change the border of an element to Hex A67C4C 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 #A67C4C }  
}
```

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

```
.border{ border-color:#A67C4C }
```

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

Here you see how a box with a 4 pixel #A67C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A67C4C; -webkit-box-shadow:4px 4px  
4px 4px #A67C4C; box-shadow:4px 4px 4px  
4px #A67C4C }
```

# Background

The CSS property to change the background color of an element to Hex A67C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A67C4C }
```

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

```
.background{ background-color:#A67C4C }
```

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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