

# Converting Colors

Hex(A76A4C)

Have a look what the booklet for  
Hex(A76A4C) contains.

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**Color**

**Hex(A76A4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A76A4C
RGB	167, 106, 76
RGB Percent	65%, 42%, 30%
CMY	0.3451, 0.5843, 0.7020
CMYK	0.00, 0.37, 0.54, 0.35
HSL	20°, 37%, 48%
HSV	20°, 54%, 65%
XYZ	22.3949, 19.0454, 9.3333
YIQ	120.8190, 45.9860, 3.6020

# Conversions

## Conversions Part 2

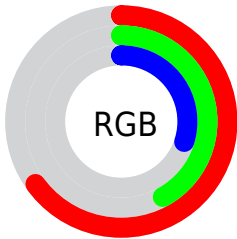
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 121, 76
Decimal	10971724
CIE <sub>Lab</sub>	50.74, 21.15, 26.89
CIE <sub>LCh</sub>	51, 34.206, 51.812
Yxy	19.0454, 0.4411, 0.3751
Android (android.graphics.Color)	4289161804 (0xFFA76A4C)
YUV	120.8190, -22.0958, 40.5007
Hunter-Lab	43.6410, 15.2277, 17.8687

# Details

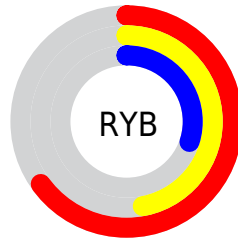
The Hex color **A76A4C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4C89A7**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E19E7D**, and **703A1F** is the 20% darker color. If you saturate the color by 10%, you get **A75F3B**, and if you desaturate by 10%, it is **A7755D**.

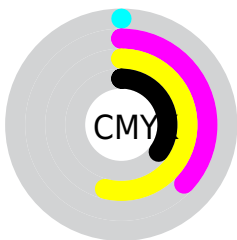
# Distribution



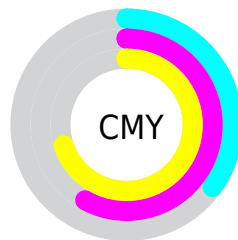
- Red (65%)
- Green (42%)
- Blue (30%)



- Red (65%)
- Yellow (47%)
- Blue (30%)



- Cyan (0%)
- Magenta (37%)
- Yellow (54%)
- Black (35%)



- Cyan (35%)
- Magenta (58%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A76A4C 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 A76A4C by changing the saturation by 10% instead.



 A76A4C

 A76A4C

FFFFFF

 8B5135

 E19E7D

 703A1F

 FEB997

 552408

 FFD5B2

 3B0E00

 FFF1CE

 240001

 FFFFEA

 000000

 A76A4C

 A76A4C

 A75F3B

 A7755D

 A7542B

 A7806D

 A7481A

 A78C7E

 A73D09

 A7978F

 A73700

 A7A29F

 A7ADB0

 A7B8C1

 A7C4D2

 A7CFE2

# Harmonies

## Analogous

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



B16265



A76A4C



92743E

# Triad

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



A76A4C



268870



6F74AF

# Complementary

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



A76A4C



4C89A7

# 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.



397EB2



A76A4C



00888D

# Square

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



A76A4C



548454



0085A6



95699D

# Rectangle

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



A76A4C



807B3E



0085A6



5F78B2



# Sweetspot

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



A76A4C



D9C2B6



A74C8A



6E6059



EDEDED



6E6E6E



# Same Dimension

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



A76A4C



D97A4C



A7964C



544F4C



943100



140700



# Inverse Universe

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



4C89A7



4CAAD9



4C5DA7



4C5154



006394



000E14



# Previews

## White Background



This preview shows how the Hex color A76A4C looks on a white background.

## Color Contrast Check

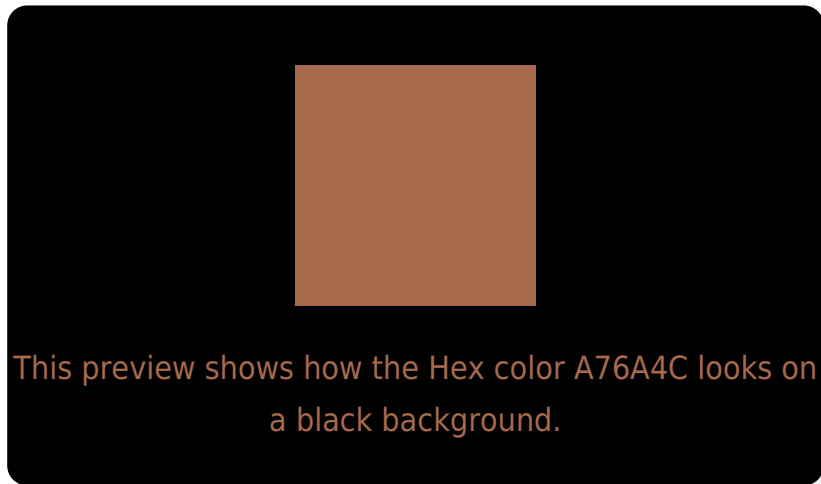
Large Text (above 18pt) WCAG AA ✓ Pass

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

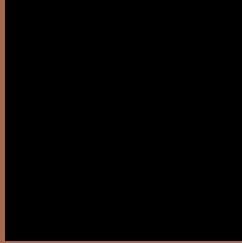
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A76A4C Background



This preview shows how black text looks on a background with the Hex color A76A4C.



This preview shows how white text looks on a background with the Hex color A76A4C.

# 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**  
A76A4C

**Protanopia**  
837952

**Deuteranopia**  
93744A



**Tritanopia**  
A9666D

# Trichromacy



**Original Color**  
A76A4C

**Protanomaly**  
907450

**Deuteranomaly**  
9A704B

**Tritanomaly**  
A86761

# Monochromacy



**Original Color**  
A76A4C

**Achromatopsia**  
797979

**Achromatomaly**  
8A7469

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A76A4C 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 #A76A4C looks like.

```
.text, #text, p{  
    color:#A76A4C  
}
```

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 #A76A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A76A4C
}
```

## Border

The CSS property to change the border of an element to Hex A76A4C 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
#A76A4C }
```

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

```
.border{ border-color:#A76A4C }
```

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

Here you see how a box with a 4 pixel #A76A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A76A4C; -webkit-box-shadow:4px 4px  
4px 4px #A76A4C; box-shadow:4px 4px 4px  
4px #A76A4C }
```

# Background

The CSS property to change the background color of an element to Hex A76A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A76A4C }
```

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

```
.background{ background-color:#A76A4C }
```

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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