

# Converting Colors

Hex(A4733E)

Have a look what the booklet for  
Hex(A4733E) contains.

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**Color**

**Hex(A4733E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4733E
RGB	164, 115, 62
RGB Percent	64%, 45%, 24%
CMY	0.3569, 0.5490, 0.7569
CMYK	0.00, 0.30, 0.62, 0.36
HSL	31°, 45%, 44%
HSV	31°, 62%, 64%
XYZ	22.3101, 20.5018, 7.3388
YIQ	123.6090, 46.2170, -6.0950

# Conversions

## Conversions Part 2

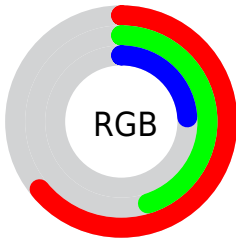
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 164, 62
Decimal	10777406
CIE <sub>Lab</sub>	52.40, 13.60, 36.54
CIE <sub>LCh</sub>	52, 38.988, 69.579
Yxy	20.5018, 0.4449, 0.4088
Android (android.graphics.Color)	4288967486 (0xFFA4733E)
YUV	123.6090, -30.3732, 35.4229
Hunter-Lab	45.2789, 8.7135, 22.0855

# Details

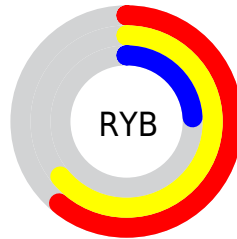
The Hex color **A4733E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E6FA4**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **DEA76F**, and **6D430F** is the 20% darker color. If you saturate the color by 10%, you get **A46B2E**, and if you desaturate by 10%, it is **A47B4E**.

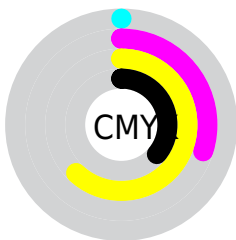
# Distribution



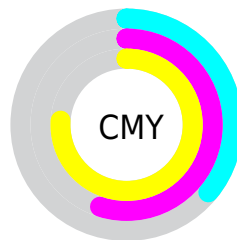
- Red (64%)
- Green (45%)
- Blue (24%)



- Red (61%)
- Yellow (64%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (62%)
- Black (36%)



- Cyan (36%)
- Magenta (55%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4733E 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 A4733E by changing the saturation by 10% instead.



 A4733E

 A4733E

FFFFFF

 885A27

 DEA76F

 6D430F

 FBC289

 522D00

 FFDEA4

 381800

 FFFBBF

 210000

 FFFFDB

 000000

 FFFFF8

 A4733E

 A4733E

 A46B2E

 A47B4E

 A4631D

 A4835F

 A45B0D

 A48B6F

 A45500

 A49380

 A49A90

 A4A2A0

 A4AAB1

 A4B2C1

 A4BAD2

# Harmonies

## Analogous

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



B76754



A4733E



877F39

# Triad

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



A4733E



008E87



8E70B1

# Complementary

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



A4733E



3E6FA4

# 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.



597DBF



A4733E



008CA7

# Square

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



A4733E



328C65



0087BB



AF6595

# Rectangle

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



A4733E



6F8541



0087BB



7F74B7



# Sweetspot

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



A4733E



D6C3AE



A43E6F



6B5F52



EBEBEB



6B6B6B



# Same Dimension

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



A4733E



D68936



A2A43E



524E49



914C00



120900



# Inverse Universe

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



3E6FA4



3683D6



403EA4



494D52



004691



000912



# Previews

## White Background



This preview shows how the Hex color A4733E looks on a white background.

## Color Contrast Check

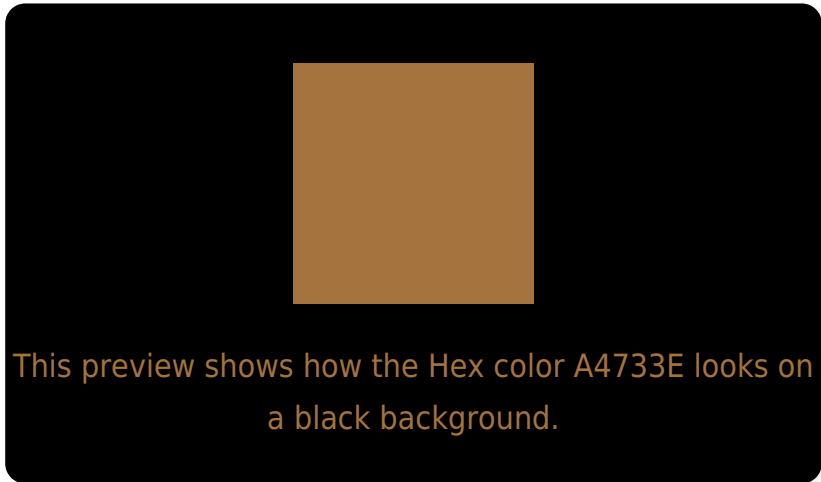
Large Text (above 18pt) WCAG AA ✓ Pass

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

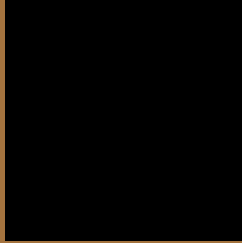
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A4733E Background



This preview shows how black text looks on a background with the Hex color A4733E.



This preview shows how white text looks on a background with the Hex color A4733E.

# 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**  
A4733E

**Protanopia**  
8A7D41

**Deuteranopia**  
9B773D

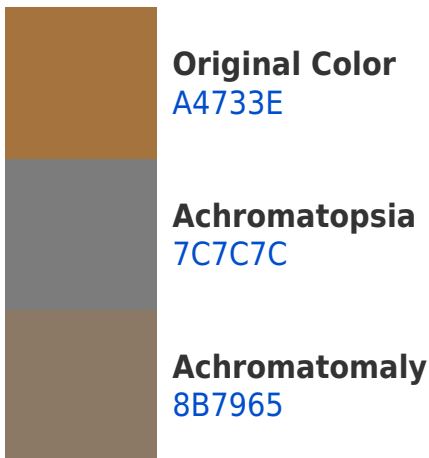


**Tritanopia**  
A86D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4733E 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 #A4733E looks like.

```
.text, #text, p{  
    color:#A4733E  
}
```

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 #A4733E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4733E
}
```

## Border

The CSS property to change the border of an element to Hex A4733E is called "border". The border property can be set on classes, ids or directly on the HTML element.

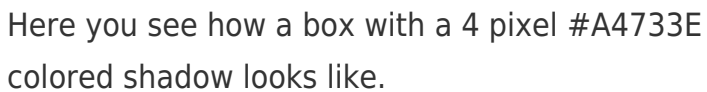
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4733E }
```

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

```
.border{ border-color:#A4733E }
```

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



Here you see how a box with a 4 pixel #A4733E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4733E; -webkit-box-shadow:4px 4px  
4px 4px #A4733E; box-shadow:4px 4px 4px  
4px #A4733E }
```

# Background

The CSS property to change the background color of an element to Hex A4733E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4733E }
```

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

```
.background{ background-color:#A4733E }
```

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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