

# Converting Colors

Hex(A5743C)

Have a look what the booklet for  
Hex(A5743C) contains.

<b>Hex(A5743C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A5743C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5743C
RGB	165, 116, 60
RGB Percent	65%, 45%, 24%
CMY	0.3529, 0.5451, 0.7647
CMYK	0.00, 0.30, 0.64, 0.35
HSL	32°, 47%, 44%
HSV	32°, 64%, 65%
XYZ	22.5781, 20.8164, 7.1029
YIQ	124.2670, 47.1800, -7.0280

# Conversions

## Conversions Part 2

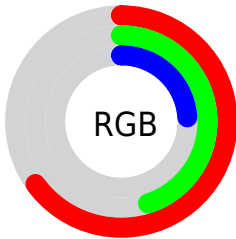
Format	Color
<a href="#">RYB</a>	<a href="#">152, 165, 60</a>
Decimal	<a href="#">10843196</a>
CIELab	<a href="#">52.75, 13.33, 38.02</a>
CIElCh	<a href="#">53, 40.290, 70.674</a>
Yxy	<a href="#">20.8164, 0.4471, 0.4122</a>
Android (android.graphics.Color)	<a href="#">4289033276 (0xFFA5743C)</a>
YUV	<a href="#">124.2670, -31.6836, 35.7228</a>
Hunter-Lab	<a href="#">45.6249, 8.4892, 22.7071</a>

# Details

The Hex color **A5743C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C6DA5**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **DFA86D**, and **6D440C** is the 20% darker color. If you saturate the color by 10%, you get **A56C2C**, and if you desaturate by 10%, it is **A57C4C**.

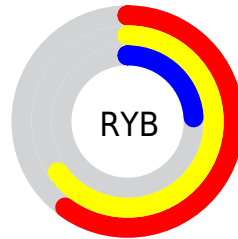
# Distribution



Red (65%)

Green (45%)

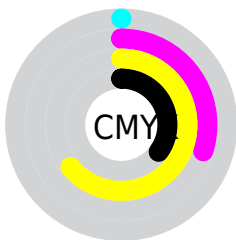
Blue (24%)



Red (60%)

Yellow (65%)

Blue (24%)

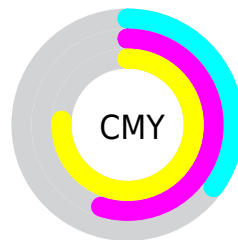


Cyan (0%)

Magenta (30%)

Yellow (64%)

Black (35%)



Cyan (35%)

Magenta (55%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5743C 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 A5743C by changing the saturation by 10% instead.



 A5743C

 A5743C

FFFFFF

 895B24

 DFA86D

 6D440C

 FDC387

 532D00

 FFDFA2

 391900

 FFFCBD

 210000

 FFFFD9

 000000

 FFFFF6

 A5743C

 A5743C

 A56C2C

 A57C4C

 A5651B

 A5835D

 A55D0B

 A58B6E

 A55800

 A5937E

 A59B8E

 A5A29F

 A5AAB0

 A5B2C0

 A5B9D0

# Harmonies

## Analogous

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



B96852



A5743C



878037

# Triad

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



A5743C



00908A



9170B3

# Complementary

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



A5743C



3C6DA5

# 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.



5A7DC2



A5743C



008EAA

# Square

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



A5743C



2C8E66



0088BF



B26496

# Rectangle

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



A5743C



6E8640



0088BF



8175BA



# Sweetspot

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



A5743C



D6C3AE



A53C6D



6B6052



EBEBEB



6B6B6B



# Same Dimension

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



A5743C



D68A33



A2A53C



524E49



914E00



120A00



# Inverse Universe

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



3C6DA5



337FD6



3F3CA5



494D52



004491

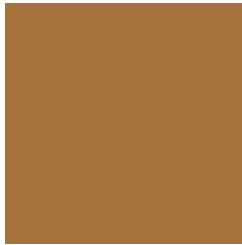


000812



# Previews

## White Background



This preview shows how the Hex color A5743C looks on a white background.

## Color Contrast Check

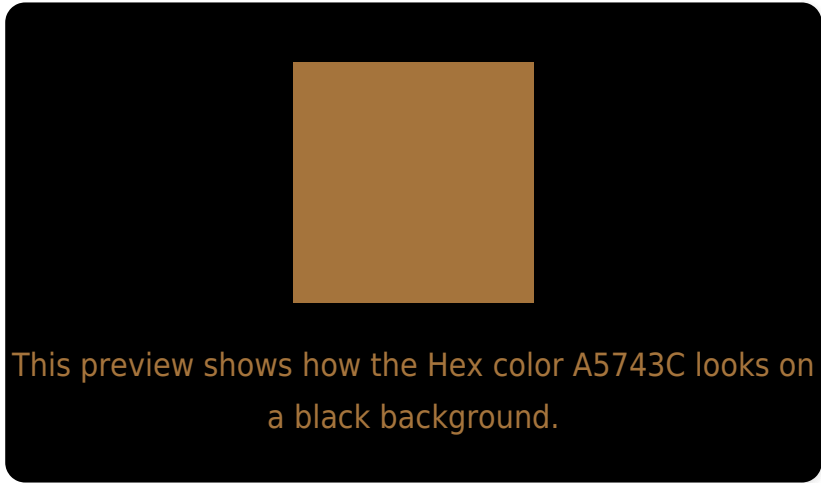
Large Text (above 18pt) WCAG AA ✓ Pass

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 A5743C Background



This preview shows how black text looks on a background with the Hex color A5743C.



This preview shows how white text looks on a background with the Hex color A5743C.

# 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**  
A5743C

**Protanopia**  
8C7E3F

**Deuteranopia**  
9C783B



**Tritanopia**  
A96E76

# Trichromacy



**Original Color**  
A5743C

**Protanomaly**  
957A3E

**Deuteranomaly**  
9F773B

**Tritanomaly**  
A87061

# Monochromacy



**Original Color**  
A5743C

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
8B7965

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5743C 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 #A5743C looks like.

```
.text, #text, p{  
    color:#A5743C  
}
```

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 #A5743C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5743C
}
```

## Border

The CSS property to change the border of an element to Hex A5743C is called "border". The border property can be set on classes, ids or directly on the HTML element.

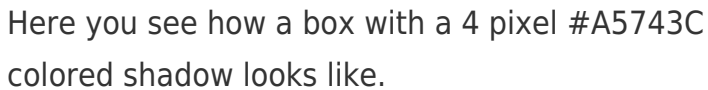
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A5743C }
```

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

```
.border{ border-color:#A5743C }
```

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



Here you see how a box with a 4 pixel #A5743C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5743C; -webkit-box-shadow:4px 4px  
4px 4px #A5743C; box-shadow:4px 4px 4px  
4px #A5743C }
```

# Background

The CSS property to change the background color of an element to Hex A5743C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5743C }
```

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

```
.background{ background-color:#A5743C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor