

# Converting Colors

Hex(A04D4A)

Have a look what the booklet for  
Hex(A04D4A) contains.

<b>Hex(A04D4A)</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(A04D4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A04D4A
RGB	160, 77, 74
RGB Percent	63%, 30%, 29%
CMY	0.3725, 0.6980, 0.7098
CMYK	0.00, 0.52, 0.54, 0.37
HSL	2°, 37%, 46%
HSV	2°, 54%, 63%
XYZ	18.3871, 13.2757, 8.0719
YIQ	101.4750, 50.4310, 16.6630

# Conversions

## Conversions Part 2

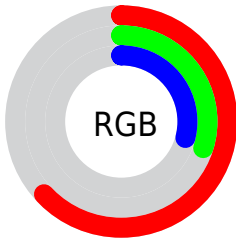
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 77, 74
Decimal	10505546
CIELab	43.18, 34.11, 18.01
CIELCh	43, 38.570, 27.836
Yxy	13.2757, 0.4627, 0.3341
Android (android.graphics.Color)	4288695626 (0xFFA04D4A)
YUV	101.4750, -13.5452, 51.3264
Hunter-Lab	36.4359, 26.3159, 12.3701

# Details

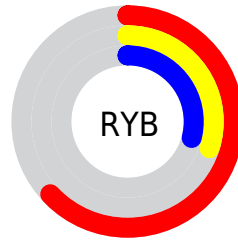
The Hex color **A04D4A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4A9DA0**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **DA807B**, and **681C1E** is the 20% darker color. If you saturate the color by 10%, you get **A03E3A**, and if you desaturate by 10%, it is **A05C5A**.

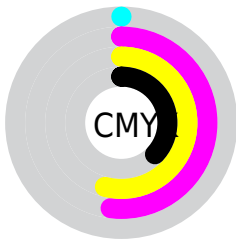
# Distribution



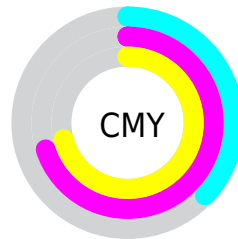
- Red (63%)
- Green (30%)
- Blue (29%)



- Red (63%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (52%)
- Yellow (54%)
- Black (37%)



- Cyan (37%)
- Magenta (70%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A04D4A 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 A04D4A by changing the saturation by 10% instead.



 A04D4A

 A04D4A

FFFFFF

 843433

 DA807B

 681C1E

 F89B94

 4D0006

 FFB6AF

 340000

 FFD2CB

 0C0000

 FFEFE7

 000000

 A04D4A

 A04D4A

 A03E3A

 A05C5A

 A02E2A

 A06C6A

 A01F1A

 A07B7A

 A00F0A

 A08B8A

 A00600

 A09A9A

 A0AAAA

 A0B9BA

 A0C9CA

 A0D8DA

# Harmonies

## Analogous

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



9F4A6A



A04D4A



925830

# Triad

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



A04D4A



317343



186AA6

# Complementary

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



A04D4A



4A9DA0

# 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.



00729B



A04D4A



007663

# Square

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



A04D4A



5A6D2A



007583



645F9F

# Rectangle

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



A04D4A



836025



007583



006DA4



# Sweetspot

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



A04D4A



D1B1B0



A04A9D



695555



E8E8E8



696969



# Same Dimension

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



A04D4A



D14E49



A0784A



4F4747



8F0500



0F0100



# Inverse Universe

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



4A9DA0



49CCD1



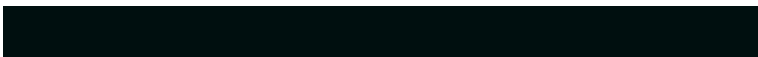
4A72A0



474F4F



008A8F

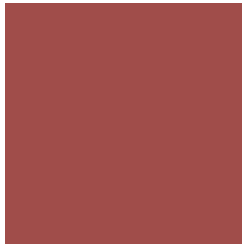


000F0F



# Previews

## White Background



This preview shows how the Hex color A04D4A looks on a white background.

## Color Contrast Check

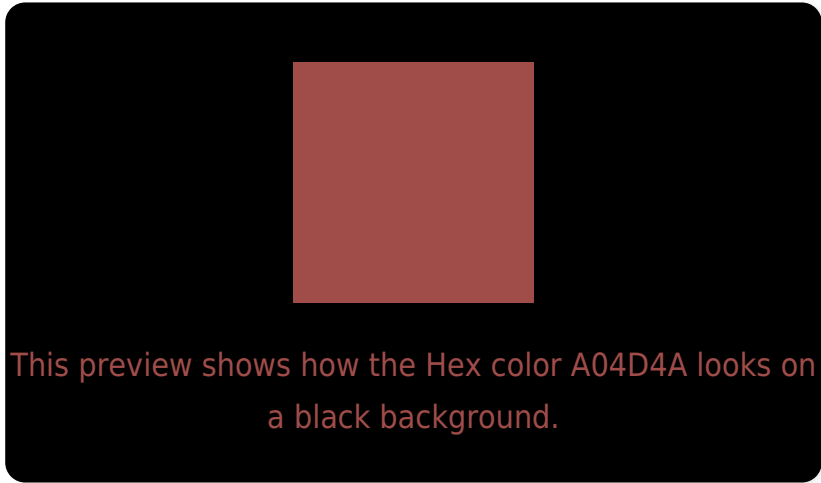
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex A04D4A Background



This preview shows how black text looks on a background with the Hex color A04D4A.

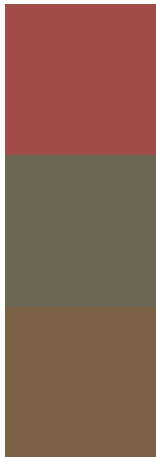


This preview shows how white text looks on a background with the Hex color A04D4A.

# 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



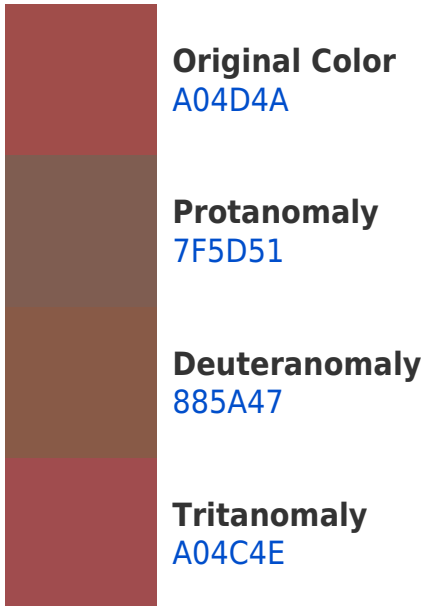
**Original Color**  
A04D4A

**Protanopia**  
6C6655

**Deuteranopia**  
7B6246



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A04D4A 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 #A04D4A looks like.

```
.text, #text, p{  
    color:#A04D4A  
}
```

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 #A04D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A04D4A
}
```

## Border

The CSS property to change the border of an element to Hex A04D4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

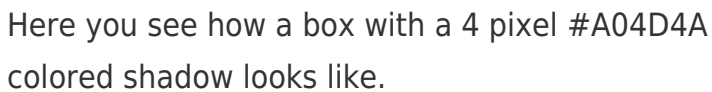
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A04D4A }
```

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

```
.border{ border-color:#A04D4A }
```

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



Here you see how a box with a 4 pixel #A04D4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A04D4A; -webkit-box-shadow:4px 4px  
4px 4px #A04D4A; box-shadow:4px 4px 4px  
4px #A04D4A }
```

# Background

The CSS property to change the background color of an element to Hex A04D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A04D4A }
```

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

```
.background{ background-color:#A04D4A }
```

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