

# Converting Colors

Hex(A74A49)

Have a look what the booklet for  
Hex(A74A49) contains.

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**Color**

**Hex(A74A49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">A74A49</a>
RGB	<a href="#">167, 74, 73</a>
RGB Percent	<a href="#">65%, 29%, 29%</a>
CMY	<a href="#">0.3451, 0.7098, 0.7137</a>
CMYK	<a href="#">0.00, 0.56, 0.56, 0.35</a>
HSL	<a href="#">1°, 39%, 47%</a>
HSV	<a href="#">1°, 56%, 65%</a>
XYZ	<a href="#">19.5877, 13.5941, 7.8949</a>
YIQ	<a href="#">101.6930, 55.7490, 19.4050</a>

# Conversions

## Conversions Part 2

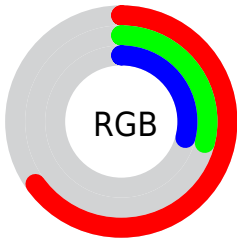
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 74, 73
Decimal	10963529
CIE <sub>Lab</sub>	43.65, 38.25, 19.44
CIE <sub>LCh</sub>	44, 42.903, 26.941
Yxy	13.5941, 0.4769, 0.3309
Android (android.graphics.Color)	4289153609 (0xFFA74A49)
YUV	101.6930, -14.1456, 57.2742
Hunter-Lab	36.8702, 30.3075, 13.1136

# Details

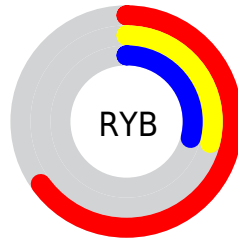
The Hex color **A74A49** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **49A6A7**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **E27E7A**, and **6E161D** is the 20% darker color. If you saturate the color by 10%, you get **A73938**, and if you desaturate by 10%, it is **A75B5A**.

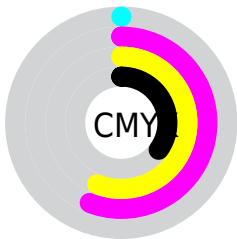
# Distribution



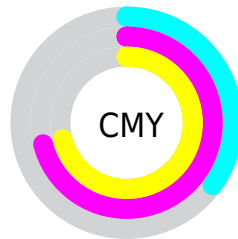
- Red (65%)
- Green (29%)
- Blue (29%)



- Red (65%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (56%)
- Yellow (56%)
- Black (35%)



- Cyan (35%)
- Magenta (71%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A74A49 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 A74A49 by changing the saturation by 10% instead.



 A74A49

 A74A49

FFFFFF

 8A3132

 E27E7A

 6E161D

 FF9893

 530005

 FFB4AE

 380000

 FFD0C9

 170000

 FFECE5

 000000

 A74A49

 A74A49

 A73938

 A75B5A

 A72928

 A76B6A

 A71817

 A77C7B

 A70806

 A78C8C

 A70200

 A79D9C

 A7ADAD

 A7BEBE

 A7CECF

 A7DFDF

# Harmonies

## Analogous

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



A5476C



A74A49



98562B

# Triad

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



A74A49



2A753F



006CAE

# Complementary

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



A74A49



49A6A7

# 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.



0074A2



A74A49



007862

# Square

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



A74A49



5B6F23



007886



625FA7

# Rectangle

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



A74A49



87601E



007886



0070AC



# Sweetspot

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



A74A49



D9B4B4



A749A7



6E5858



EDEDED



6E6E6E



# Same Dimension

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



A74A49



D94745



A77849



544C4C



940200



140000



# Inverse Universe

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



49A6A7



45D7D9



4978A7



4C5454



009294



001414



# Previews

## White Background



This preview shows how the Hex color A74A49 looks on a white background.

## Color Contrast Check

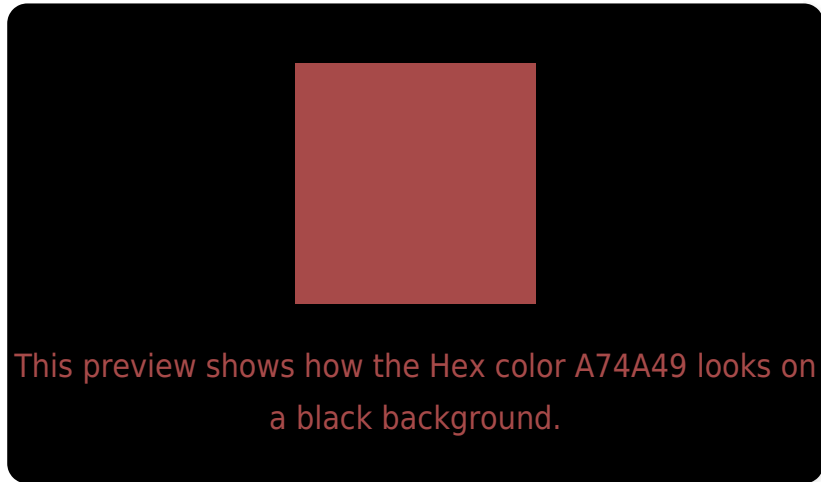
Large Text (above 18pt) WCAG AA ✓ Pass

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 A74A49 Background



This preview shows how black text looks on a background with the Hex color A74A49.

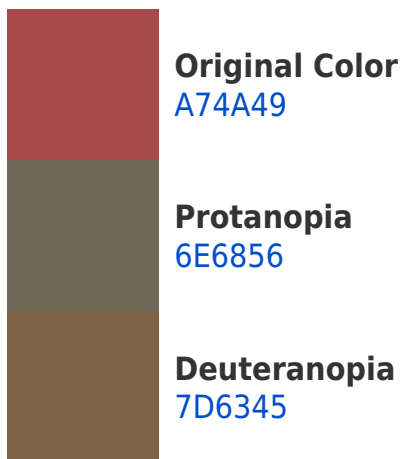



This preview shows how white text looks on a background with the Hex color A74A49.

# 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](#).

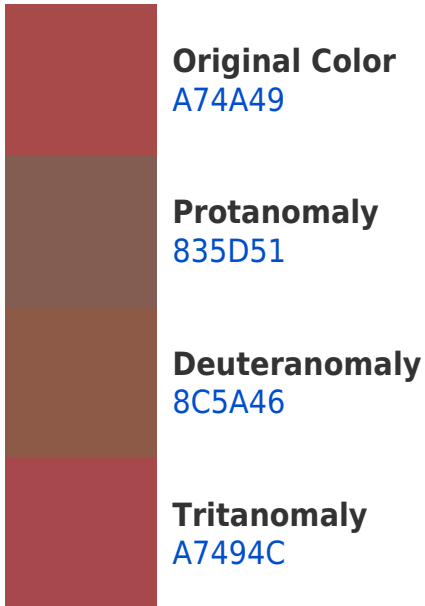
## Dichromacy





**Tritanopia**  
A7494E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A74A49 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 #A74A49 looks like.

```
.text, #text, p{  
    color:#A74A49  
}
```

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 #A74A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A74A49
}
```

## Border

The CSS property to change the border of an element to Hex A74A49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

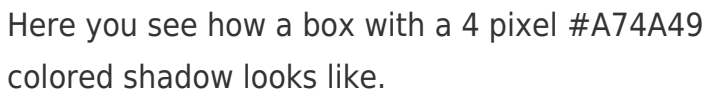
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A74A49 }
```

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

```
.border{ border-color:#A74A49 }
```

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



Here you see how a box with a 4 pixel `#A74A49` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A74A49; -webkit-box-shadow:4px 4px  
4px 4px #A74A49; box-shadow:4px 4px 4px  
4px #A74A49 }
```

# Background

The CSS property to change the background color of an element to Hex A74A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A74A49 }
```

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

```
.background{ background-color:#A74A49 }
```

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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