

Converting Colors

Hex(A74F41)

Have a look what the booklet for
Hex(A74F41) contains.

Hex(A74F41)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A74F41)

Conversions

Conversions Part 1

Format	Color
Hex	A74F41
RGB	167, 79, 65
RGB Percent	65%, 31%, 25%
CMY	0.3451, 0.6902, 0.7451
CMYK	0.00, 0.53, 0.61, 0.35
HSL	8°, 44%, 45%
HSV	8°, 61%, 65%
XYZ	19.6865, 14.1891, 6.7022
YIQ	103.7160, 56.9420, 14.3020

Conversions

Conversions Part 2

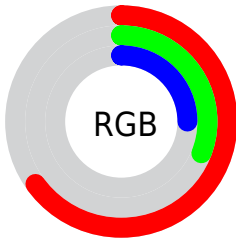
Format	Color
R_{YB}	167, 81, 65
Decimal	10964801
CIE _{Lab}	44.50, 35.04, 25.35
CIE _{LCh}	45, 43.251, 35.878
Yxy	14.1891, 0.4852, 0.3497
Android (android.graphics.Color)	4289154881 (0xFFA74F41)
YUV	103.7160, -19.0870, 55.5001
Hunter-Lab	37.6684, 27.3688, 15.8186

Details

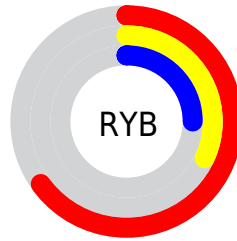
The Hex color **A74F41** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **4199A7**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E28271**, and **6E1D16** is the 20% darker color. If you saturate the color by 10%, you get **A74130**, and if you desaturate by 10%, it is **A75D52**.

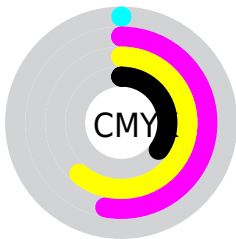
Distribution



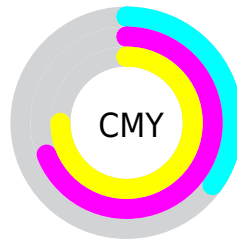
- Red (65%)
- Green (31%)
- Blue (25%)



- Red (65%)
- Yellow (32%)
- Blue (25%)



- Cyan (0%)
- Magenta (53%)
- Yellow (61%)
- Black (35%)



- Cyan (35%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color A74F41 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 A74F41 by changing the saturation by 10% instead.

 A74F41

 A74F41

FFFFFF

 8A362B

 E28271

 6E1D16

 FF9D8B

 530000

 FFB8A5

 370000

 FFD5C0

 180001

 FFF1DC

 000000

 FFFFF9

 A74F41

 A74F41

 A74130

 A75D52

 A73220

 A76C62

 A7240F

 A77A73

 A71700

 A78984

 A79794

 A7A5A5

 A7B4B6

 A7C2C7

 A7D1D7

Harmonies

Analogous

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



AB4864



A74F41



945D26

Triad

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



A74F41



0F794A



2B6BB1

Complementary

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



A74F41



4199A7

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.



0075AB



A74F41



007B6F

Square

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



A74F41



50732B



007A92



745DA4

Rectangle

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



A74F41



81661C



007A92



006FB1

Sweetspot

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



A74F41



D9B7B2



A74199



6E5956



EDEDED



6E6E6E

Same Dimension

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



A74F41



D9503B



A78241



544D4C



941400



140300

Inverse Universe

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



4199A7



3BC3D9



4166A7



4C5354



008094



001214

Previews

White Background



This preview shows how the Hex color A74F41 looks on a white background.

Color Contrast Check

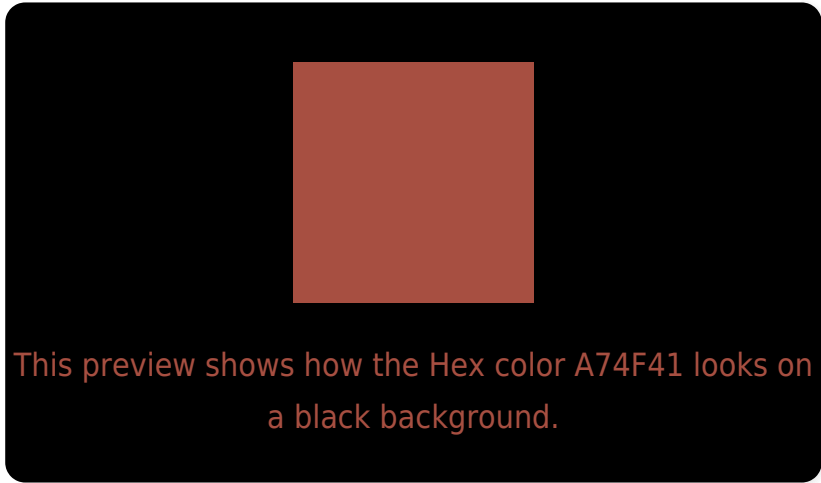
Large Text (above 18pt) WCAG AA ✓ Pass

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 A74F41 Background



This preview shows how black text looks on a background with the Hex color A74F41.



This preview shows how white text looks on a background with the Hex color A74F41.

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
A74F41

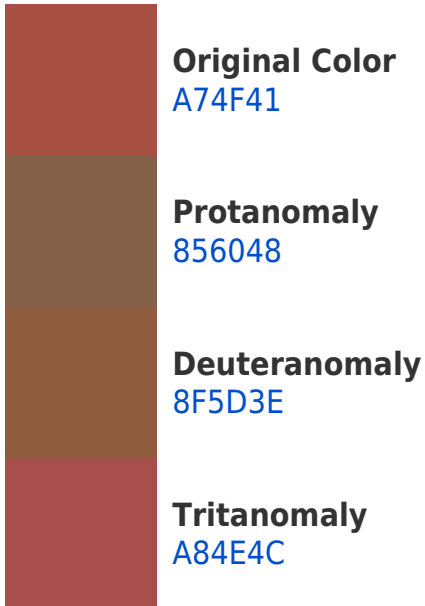
Protanopia
726A4C

Deuteranopia
81653D



Tritanopia
A84D52

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A74F41 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 #A74F41 looks like.

```
.text, #text, p{  
    color:#A74F41  
}
```

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 #A74F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A74F41
}
```

Border

The CSS property to change the border of an element to Hex A74F41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

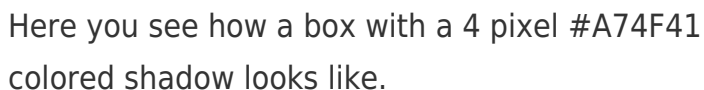
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A74F41 }
```

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

```
.border{ border-color:#A74F41 }
```

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



Here you see how a box with a 4 pixel `#A74F41` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A74F41; -webkit-box-shadow:4px 4px  
4px 4px #A74F41; box-shadow:4px 4px 4px  
4px #A74F41 }
```

Background

The CSS property to change the background color of an element to Hex A74F41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A74F41 }
```

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

```
.background{ background-color:#A74F41 }
```

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