

# Converting Colors

Hex(A13F4A)

Have a look what the booklet for  
Hex(A13F4A) contains.

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# Color

**Hex(A13F4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A13F4A
RGB	161, 63, 74
RGB Percent	63%, 25%, 29%
CMY	0.3686, 0.7529, 0.7098
CMYK	0.00, 0.61, 0.54, 0.37
HSL	353°, 44%, 44%
HSV	353°, 61%, 63%
XYZ	17.7115, 11.6265, 7.7892
YIQ	93.5560, 54.8770, 24.1970

# Conversions

## Conversions Part 2

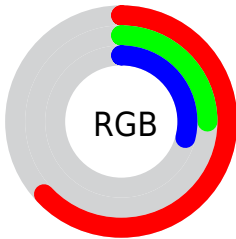
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 63, 74
Decimal	10567498
CIE Lab	40.62, 41.55, 14.59
CIE LCh	41, 44.041, 19.346
Yxy	11.6265, 0.4770, 0.3132
Android (android.graphics.Color)	4288757578 (0xFFA13F4A)
YUV	93.5560, -9.6411, 59.1484
Hunter-Lab	34.0976, 33.0481, 10.3242

# Details

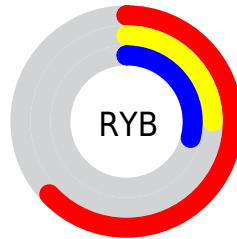
The Hex color **A13F4A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3FA196**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **DC737B**, and **68041F** is the 20% darker color. If you saturate the color by 10%, you get **A12F3C**, and if you desaturate by 10%, it is **A14F58**.

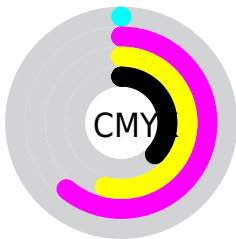
# Distribution



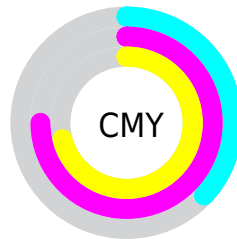
- Red (63%)
- Green (25%)
- Blue (29%)



- Red (63%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (54%)
- Black (37%)



- Cyan (37%)
- Magenta (75%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A13F4A 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 A13F4A by changing the saturation by 10% instead.



 A13F4A

 A13F4A

FFFFFF

 842534

 DC737B

 68041F

 FA8E94

 4D0006

 FFA9AF

 340002

 FFC5CA

 030000

 FFE1E6

 000000

FFFEFF

 A13F4A

 A13F4A

 A12F3C

 A14F58

 A11F2D

 A15F67

 A10F1F

 A16F75

 A10012

 A17F83

 A19091

 A1A0A0

 A1B0AE

 A1C0BC

 A1D0CB

# Harmonies

## Analogous

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



9A3F6E



A13F4A



964B2A

# Triad

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



A13F4A



306C2E



0068A7

# Complementary

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



A13F4A



3FA196

# 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.



006E96



A13F4A



007051

# Square

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



A13F4A



5C6513



007177



485CA4

# Rectangle

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



A13F4A



865519



007177



006AA3



# Sweetspot

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



A13F4A



D1ABB0



963FA1



695254



E8E8E8



696969



# Same Dimension

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



A13F4A



D1384A



A1653F



52494A



910010



120002



# Inverse Universe

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



A13F4A



D1384A



3F7BA1



52494A



910010

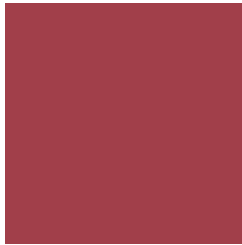


120002



# Previews

## White Background



This preview shows how the Hex color A13F4A looks on a white background.

## Color Contrast Check

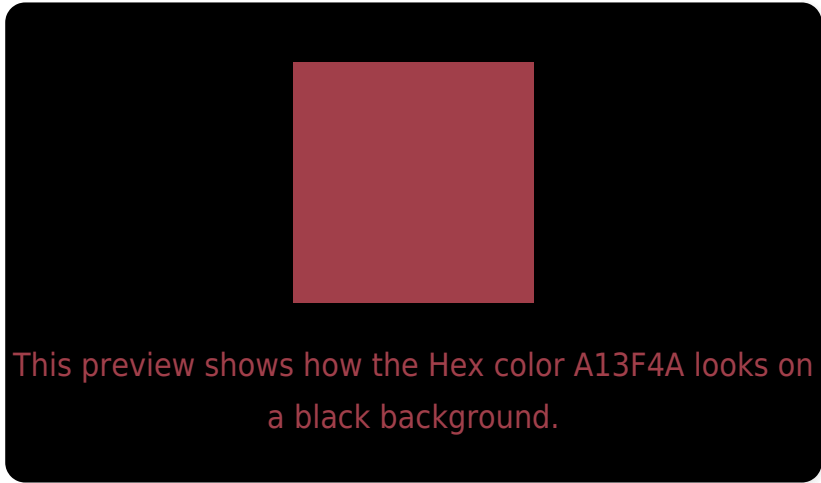
Large Text (above 18pt) WCAG AA ✓ Pass

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 A13F4A Background



This preview shows how black text looks on a background with the Hex color A13F4A.

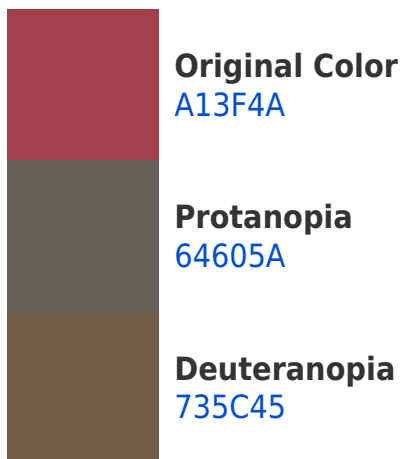


This preview shows how white text looks on a background with the Hex color A13F4A.

# 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**  
A14044

# Trichromacy



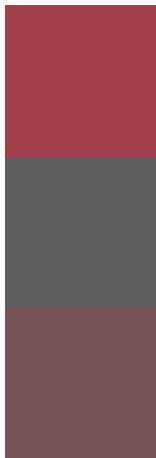
**Original Color**  
A13F4A

**Protanomaly**  
7A5454

**Deuteranomaly**  
845147

**Tritanomaly**  
A14046

# Monochromacy



**Original Color**  
A13F4A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
765357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A13F4A 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 #A13F4A looks like.

```
.text, #text, p{  
    color:#A13F4A  
}
```

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 #A13F4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13F4A
}
```

## Border

The CSS property to change the border of an element to Hex A13F4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

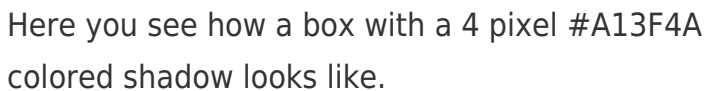
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A13F4A }
```

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

```
.border{ border-color:#A13F4A }
```

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



Here you see how a box with a 4 pixel `#A13F4A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13F4A; -webkit-box-shadow:4px 4px  
4px 4px #A13F4A; box-shadow:4px 4px 4px  
4px #A13F4A }
```

# Background

The CSS property to change the background color of an element to Hex A13F4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13F4A }
```

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

```
.background{ background-color:#A13F4A }
```

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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