

# Converting Colors

Hex(A13E4A)

Have a look what the booklet for  
Hex(A13E4A) contains.

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# Color

**Hex(A13E4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A13E4A
RGB	161, 62, 74
RGB Percent	63%, 24%, 29%
CMY	0.3686, 0.7569, 0.7098
CMYK	0.00, 0.61, 0.54, 0.37
HSL	353°, 44%, 44%
HSV	353°, 61%, 63%
XYZ	17.6566, 11.5167, 7.7709
YIQ	92.9690, 55.1520, 24.7200

# Conversions

## Conversions Part 2

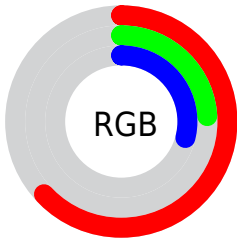
Format	Color
<a href="#">RYB</a>	<a href="#">161, 62, 74</a>
Decimal	<a href="#">10567242</a>
CIELab	<a href="#">40.44, 42.03, 14.35</a>
CIElCh	<a href="#">40, 44.410, 18.847</a>
Yxy	<a href="#">11.5167, 0.4779, 0.3117</a>
Android (android.graphics.Color)	<a href="#">4288757322 (0xFFA13E4A)</a>
YUV	<a href="#">92.9690, -9.3517, 59.6632</a>
Hunter-Lab	<a href="#">33.9363, 33.4826, 10.1789</a>

# Details

The Hex color **A13E4A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3EA195**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **DC727B**, and **68021F** is the 20% darker color. If you saturate the color by 10%, you get **A12E3C**, and if you desaturate by 10%, it is **A14E58**.

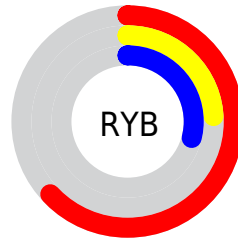
# Distribution



Red (63%)

Green (24%)

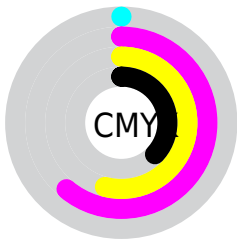
Blue (29%)



Red (63%)

Yellow (24%)

Blue (29%)

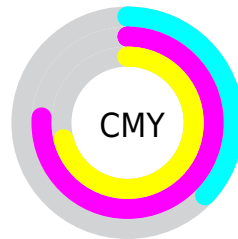


Cyan (0%)

Magenta (61%)

Yellow (54%)

Black (37%)



Cyan (37%)

Magenta (76%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A13E4A 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 A13E4A by changing the saturation by 10% instead.



 A13E4A

 A13E4A

FFFFFF

 842434

 DC727B

 68021F

 FA8D94

 4D0006

 FFA8AF

 340002

 FFC4CA

 020000

 FFE0E6

 000000


 FFFDFD

 A13E4A

 A13E4A

 A12E3C

 A14E58

 A11E2E

 A15E66

 A10E20

 A16E74

 A10014

 A17E83

 A18F91

 A19F9F

 A1AFAD

 A1BFBB

 A1CFC9

# Harmonies

## Analogous

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



9A3E6E



A13E4A



964A29

# Triad

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



A13E4A



306C2D



0067A7

# Complementary

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



A13E4A



3EA195

# 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.



006E95



A13E4A



007050

# Square

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



A13E4A



5C6412



007176



465BA4

# Rectangle

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



A13E4A



875418



007176



006AA3



# Sweetspot

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



A13E4A



D1ABB0



943EA1



695254



E8E8E8



696969



# Same Dimension

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



A13E4A



D13649



A1623E



52494A



910012



120002



# Inverse Universe

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



A13E4A



D13649



3E7DA1



52494A



910012

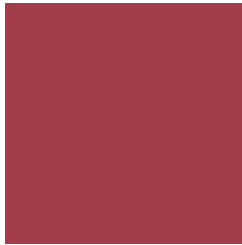


120002



# Previews

## White Background



This preview shows how the Hex color A13E4A looks on a white background.

## Color Contrast Check

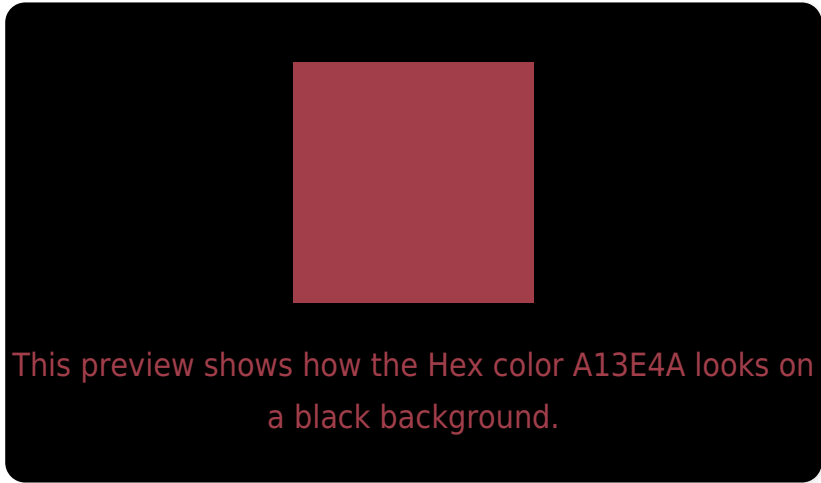
Large Text (above 18pt) WCAG AA ✓ Pass

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 A13E4A Background



This preview shows how black text looks on a background with the Hex color A13E4A.



This preview shows how white text looks on a background with the Hex color A13E4A.

# 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**  
A13E4A

**Protanopia**  
63605A

**Deuteranopia**  
725C45



**Tritanopia**  
A13F43

# Trichromacy



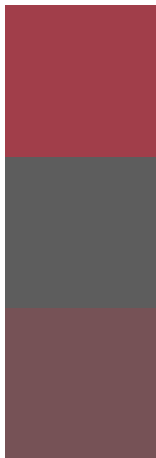
**Original Color**  
A13E4A

**Protanomaly**  
7A5454

**Deuteranomaly**  
835147

**Tritanomaly**  
A13F46

# Monochromacy



**Original Color**  
A13E4A

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
765256

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A13E4A 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 #A13E4A looks like.

```
.text, #text, p{  
    color:#A13E4A  
}
```

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 #A13E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13E4A }  
}
```

## Border

The CSS property to change the border of an element to Hex A13E4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

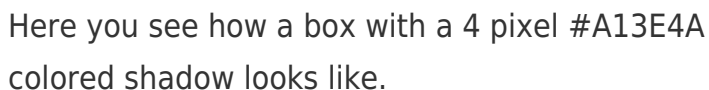
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #A13E4A }  
}
```

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

```
.border{ border-color:#A13E4A }
```

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



Here you see how a box with a 4 pixel #A13E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13E4A; -webkit-box-shadow:4px 4px  
4px 4px #A13E4A; box-shadow:4px 4px 4px  
4px #A13E4A }
```

# Background

The CSS property to change the background color of an element to Hex A13E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13E4A }
```

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

```
.background{ background-color:#A13E4A }
```

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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