

# Converting Colors

Hex(A13434)

Have a look what the booklet for  
Hex(A13434) contains.

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**Color**

**Hex(A13434)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A13434
RGB	161, 52, 52
RGB Percent	63%, 20%, 20%
CMY	0.3686, 0.7961, 0.7961
CMYK	0.00, 0.68, 0.68, 0.37
HSL	0°, 51%, 42%
HSV	0°, 68%, 63%
XYZ	16.5458, 10.2810, 4.3612
YIQ	84.5910, 64.9640, 23.1080

# Conversions

## Conversions Part 2

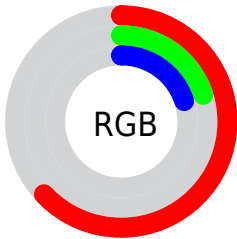
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 52, 52
Decimal	10564660
CIE <sub>Lab</sub>	38.34, 44.95, 25.26
CIE <sub>LCh</sub>	38, 51.561, 29.339
Yxy	10.2810, 0.5305, 0.3296
Android (android.graphics.Color)	4288754740 (0xFFA13434)
YUV	84.5910, -16.0674, 67.0107
Hunter-Lab	32.0640, 35.9983, 14.3805

# Details

The Hex color **A13434** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **34A1A1**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **DD6963**, and **670008** is the 20% darker color. If you saturate the color by 10%, you get **A12424**, and if you desaturate by 10%, it is **A14444**.

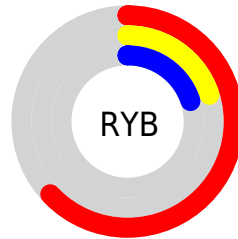
# Distribution



Red (63%)

Green (20%)

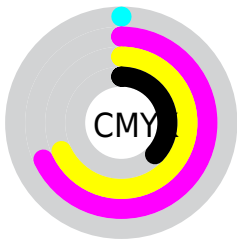
Blue (20%)



Red (63%)

Yellow (20%)

Blue (20%)

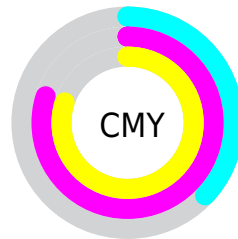


Cyan (0%)

Magenta (68%)

Yellow (68%)

Black (37%)



Cyan (37%)

Magenta (80%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A13434 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 A13434 by changing the saturation by 10% instead.



 A13434

 A13434

FFFFFF

 84171F

 DD6963

 670008

 FC837C

 4A0000

 FF9F95

 300002

 FFBBB0

 000000

 FFD7CC

 FFF4E8

 A13434

 A13434

 A12424

 A14444

 A11414

 A15454

 A10404

 A16464

 A10000

 A17474

 A18585

 A19595

 A1A5A5

 A1B5B5

 A1C5C5

# Harmonies

## Analogous

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



A22C5D



A13434



8E470C

# Triad

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



A13434



006A2D



0060AE

# Complementary

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



A13434



34A1A1

# 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.



0069A2



A13434



006D58

# Square

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



A13434



456400



006D82



554FA4

# Rectangle

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



A13434



7A5300



006D82



0064AD



# Sweetspot

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



A13434



D1A7A7



A134A1



694F4F



E8E8E8



696969



# Same Dimension

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



A13434



D12828



A16B34



524949



910000



120000



# Inverse Universe

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



34A1A1



28D1D1



346BA1



495252



009191



001212



# Previews

## White Background



This preview shows how the Hex color A13434 looks on a white background.

## Color Contrast Check

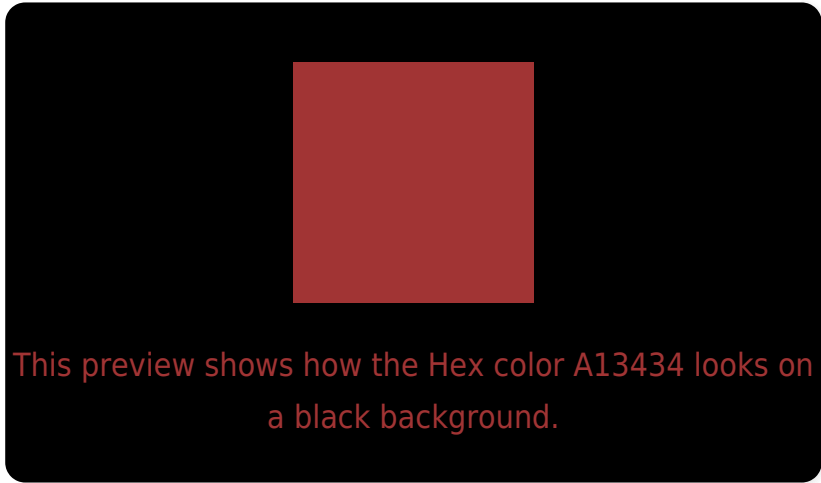
Large Text (above 18pt) WCAG AA ✓ Pass

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 A13434 Background



This preview shows how black text looks on a background with the Hex color A13434.

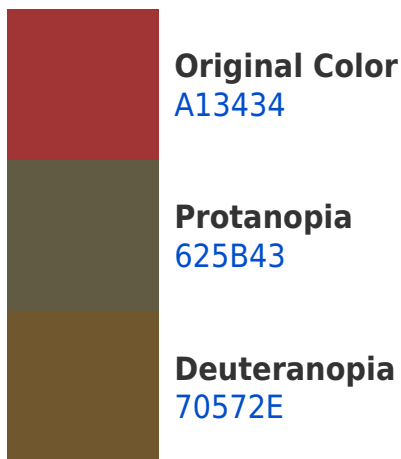



This preview shows how white text looks on a background with the Hex color A13434.

# 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](#).

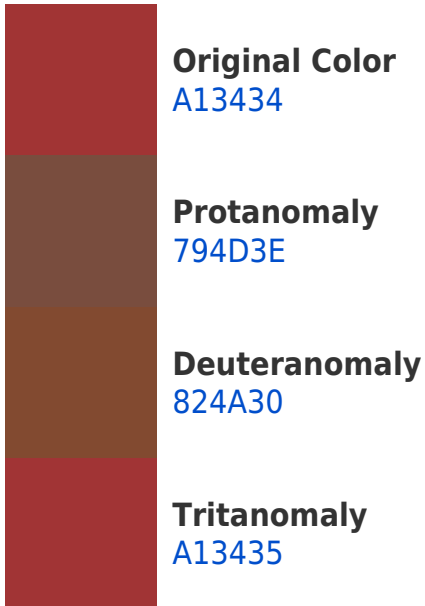
## Dichromacy





**Tritanopia**  
A13436

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A13434 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 #A13434 looks like.

```
.text, #text, p{  
    color:#A13434  
}
```

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 #A13434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13434
}
```

## Border

The CSS property to change the border of an element to Hex A13434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

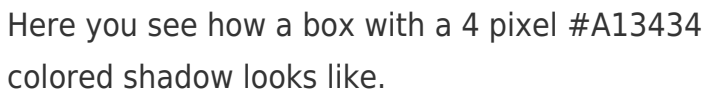
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A13434 }
```

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

```
.border{ border-color:#A13434 }
```

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



Here you see how a box with a 4 pixel #A13434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13434; -webkit-box-shadow:4px 4px  
4px 4px #A13434; box-shadow:4px 4px 4px  
4px #A13434 }
```

# Background

The CSS property to change the background color of an element to Hex A13434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13434 }
```

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

```
.background{ background-color:#A13434 }
```

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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