

# Converting Colors

Hex(AE3939)

Have a look what the booklet for  
Hex(AE3939) contains.

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# Color

**Hex(AE3939)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | AE3939                    |
| RGB           | 174, 57, 57               |
| RGB Percent   | 68%, 22%, 22%             |
| CMY           | 0.3176, 0.7765, 0.7765    |
| CMYK          | 0.00, 0.67, 0.67, 0.32    |
| HSL           | 0°, 51%, 45%              |
| HSV           | 0°, 67%, 68%              |
| XYZ           | 19.6572, 12.2203, 5.1936  |
| YIQ           | 91.9830, 69.7320, 24.8040 |

# Conversions

## Conversions Part 2

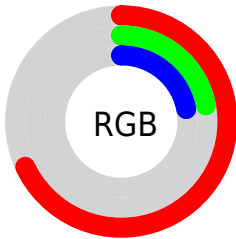
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">174, 57, 57</a>                 |
| Decimal                             | <a href="#">11417913</a>                    |
| CIELab                              | <a href="#">41.56, 47.56, 26.72</a>         |
| CIElCh                              | <a href="#">42, 54.554, 29.322</a>          |
| Yxy                                 | <a href="#">12.2203, 0.5303, 0.3296</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4289607993<br/>(0xFFAE3939)</a> |
| YUV                                 | <a href="#">91.9830, -17.2466, 71.9289</a>  |
| Hunter-Lab                          | <a href="#">34.9576, 39.1976, 15.6617</a>   |

# Details

The Hex color **AE3939** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **39AEAE**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **EB6E68**, and **73000F** is the 20% darker color. If you saturate the color by 10%, you get **AE2828**, and if you desaturate by 10%, it is **AE4A4A**.

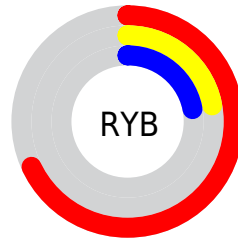
# Distribution



Red (68%)

Green (22%)

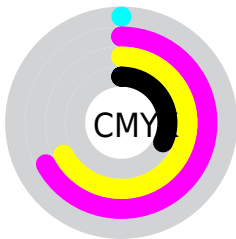
Blue (22%)



Red (68%)

Yellow (22%)

Blue (22%)

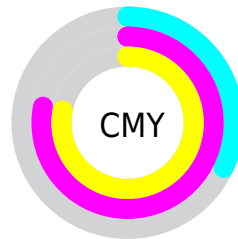


Cyan (0%)

Magenta (67%)

Yellow (67%)

Black (32%)



Cyan (32%)

Magenta (78%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE3939 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 AE3939 by changing the saturation by 10% instead.



 AE3939

 AE3939

FFFFFF

 901C23

 EB6E68

 73000F

 FF8981

 560000

 FFA59B

 3B0001

 FFC1B6

 180001

 FFDED2

 000000

 FFFBEE

 AE3939

 AE3939

 AE2828

 AE4A4A

 AE1616

 AE5C5C

 AE0505

 AE6D6D

 AE0000

 AE7F7F

 AE9090

 AEA1A1

 AEB3B3

 AEC4C4

 AED6D6

# Harmonies

## Analogous

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



AF3165



AE3939



994E0F

# Triad

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



AE3939



007331



0068BC

# Complementary

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



AE3939



39AEAE

# 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.



0072AF



AE3939



007660

# Square

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



AE3939



4B6C00



00768D



5D56B1

# Rectangle

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



AE3939



845A00



00768D



006CBB



# Sweetspot

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



AE3939



E3B6B6



AE39AE



735757



F2F2F2



737373



# Same Dimension

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



AE3939



E32B2B



AE7339



574E4E



960000



170000



# Inverse Universe

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



39AEAE



2BE3E3



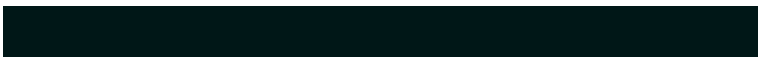
3973AE



4E5757



009696



001717



# Previews

## White Background



This preview shows how the Hex color AE3939 looks on a white background.

## Color Contrast Check

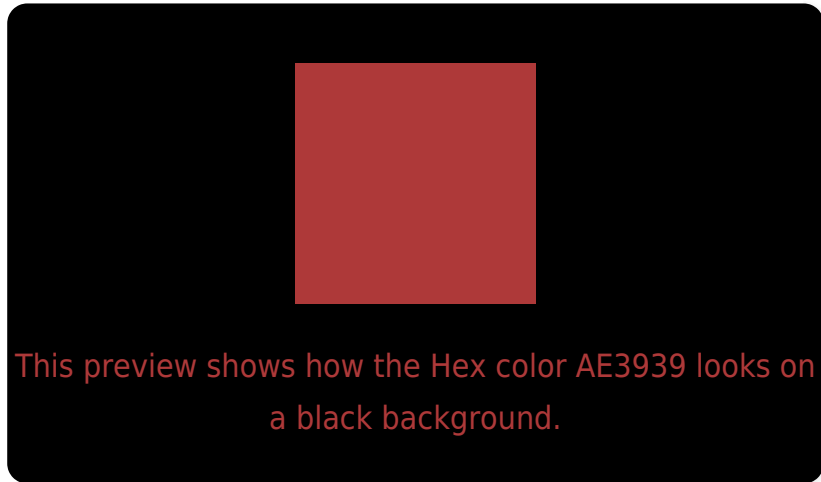
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE3939 Background



This preview shows how black text looks on a background with the Hex color AE3939.



This preview shows how white text looks on a background with the Hex color AE3939.

# 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**  
AE3939

**Protanopia**  
6A6349

**Deuteranopia**  
7A5E33



# Trichromacy



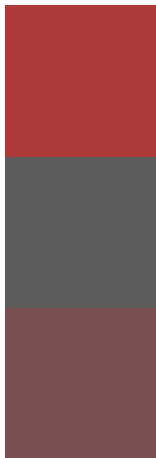
**Original Color**  
AE3939

**Protanomaly**  
835443

**Deuteranomaly**  
8D5135

**Tritanomaly**  
AE393B

# Monochromacy



**Original Color**  
AE3939

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
7A4F4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE3939 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 #AE3939 looks like.

```
.text, #text, p{  
    color:#AE3939  
}
```

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 #AE3939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE3939
}
```

## Border

The CSS property to change the border of an element to Hex AE3939 is called "border". The border property can be set on classes, ids or directly on the HTML element.

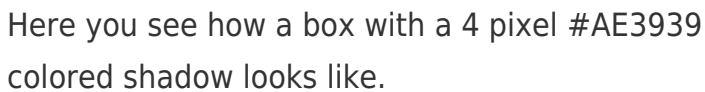
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE3939 }
```

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

```
.border{ border-color:#AE3939 }
```

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



Here you see how a box with a 4 pixel `#AE3939` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE3939; -webkit-box-shadow:4px 4px  
4px 4px #AE3939; box-shadow:4px 4px 4px  
4px #AE3939 }
```

# Background

The CSS property to change the background color of an element to Hex AE3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE3939 }
```

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

```
.background{ background-color:#AE3939 }
```

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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