

# Converting Colors

Hex(AE3537)

Have a look what the booklet for  
Hex(AE3537) contains.

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# Color

**Hex(AE3537)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | AE3537                    |
| RGB           | 174, 53, 55               |
| RGB Percent   | 68%, 21%, 22%             |
| CMY           | 0.3176, 0.7922, 0.7843    |
| CMYK          | 0.00, 0.70, 0.68, 0.32    |
| HSL           | 359°, 53%, 45%            |
| HSV           | 359°, 70%, 68%            |
| XYZ           | 19.4183, 11.8207, 4.8726  |
| YIQ           | 89.4070, 71.4740, 26.2740 |

# Conversions

## Conversions Part 2

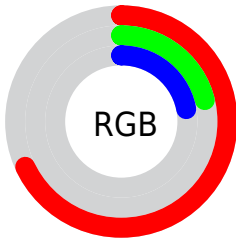
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 174, 53, 55                   |
| Decimal                             | 11416887                      |
| CIE <sub>Lab</sub>                  | 40.93, 49.10, 27.15           |
| CIE <sub>LCh</sub>                  | 41, 56.103, 28.941            |
| Yxy                                 | 11.8207, 0.5377,<br>0.3273    |
| Android<br>(android.graphics.Color) | 4289606967<br>(0xFFAE3537)    |
| YUV                                 | 89.4070, -16.9627,<br>74.1881 |
| Hunter-Lab                          | 34.3813, 40.6481,<br>15.6642  |

# Details

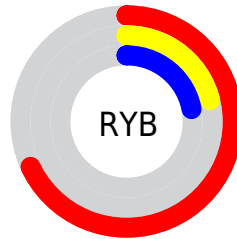
The Hex color **AE3537** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **35AEAC**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **EB6B66**, and **73000D** is the 20% darker color. If you saturate the color by 10%, you get **AE2426**, and if you desaturate by 10%, it is **AE4648**.

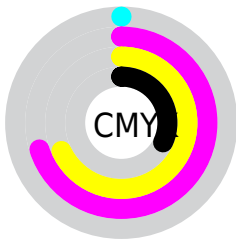
# Distribution



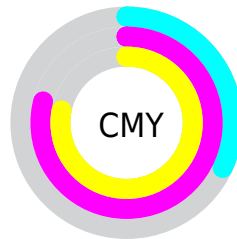
- Red (68%)
- Green (21%)
- Blue (22%)



- Red (68%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (70%)
- Yellow (68%)
- Black (32%)



- Cyan (32%)
- Magenta (79%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE3537 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 AE3537 by changing the saturation by 10% instead.



 AE3537

 AE3537

FFFFFF

 901621

 EB6B66

 73000D

 FF867F

 550000

 FFA299

 3B0002

 FFBE84

 160000

 FFDACF

 000000

 FFF8EC

 AE3537

 AE3537

 AE2426

 AE4648

 AE1215

 AE5859

 AE0104

 AE696A

 AE0003

 AE7B7B

 AE8C8D

 AE9D9E

 AEAFAF

 AEC0C0

 AED2D1

# Harmonies

## Analogous

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



AF2C64



AE3537



994B09

# Triad

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



AE3537



00722E



0067BD

# Complementary

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



AE3537



35AEAC

# 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.



0071AF



AE3537



00755D

# Square

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



AE3537



496B00



00758C



5955B2

# Rectangle

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



AE3537



835800



00758C



006BBB



# Sweetspot

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



AE3537



E3B3B4



AC35AE



735657



F2F2F2



737373



# Same Dimension

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



AE3537



E3272A



AE6F35



574E4E



960002



170000



# Inverse Universe

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



AE3537



E3272A



3574AE



574E4E



960002

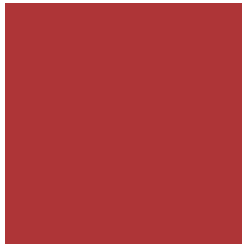


170000



# Previews

## White Background



This preview shows how the Hex color AE3537 looks on a white background.

## Color Contrast Check

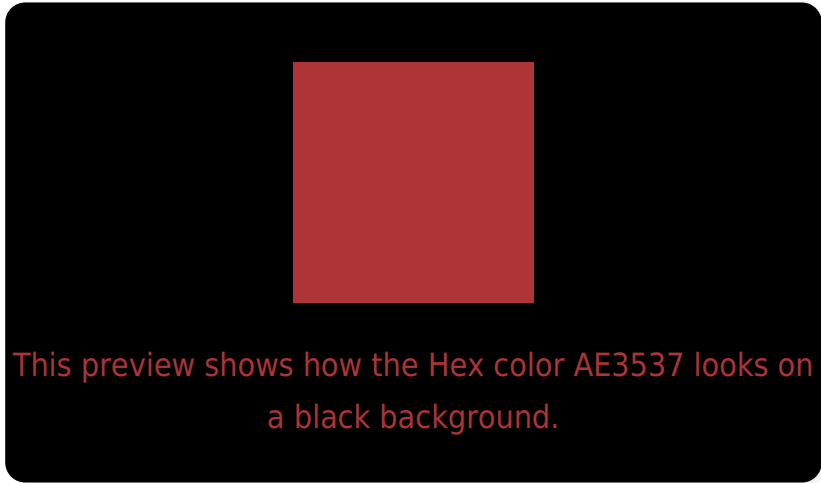
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE3537 Background



This preview shows how black text looks on a background with the Hex color AE3537.

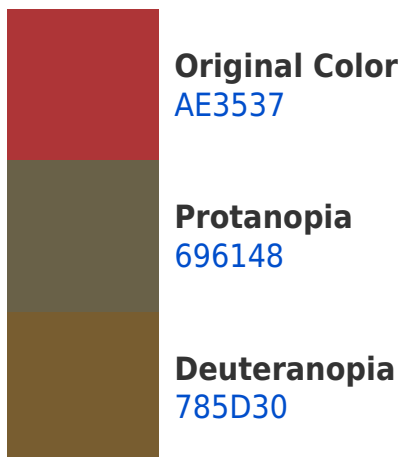


This preview shows how white text looks on a background with the Hex color AE3537.

# Color Blindness Simulation

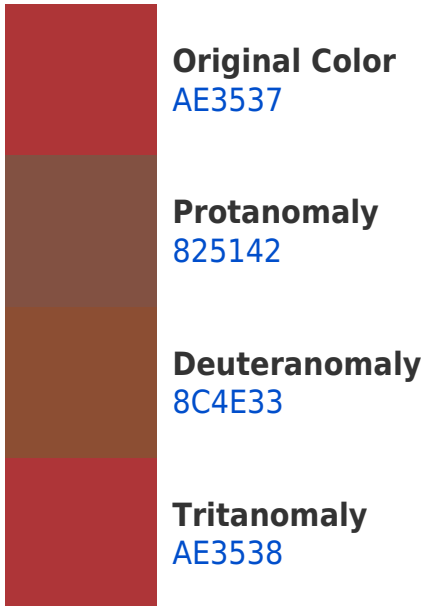
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

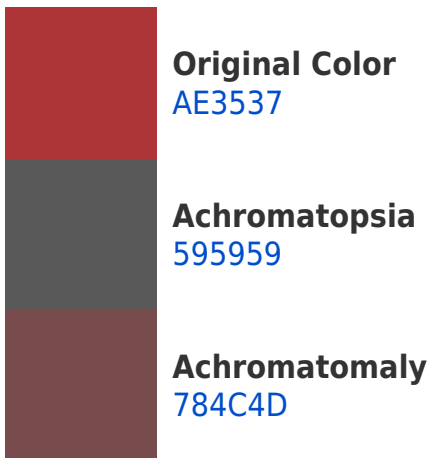




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE3537 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 #AE3537 looks like.

```
.text, #text, p{  
    color:#AE3537  
}
```

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 #AE3537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE3537
}
```

## Border

The CSS property to change the border of an element to Hex AE3537 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
#AE3537 }
```

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

```
.border{ border-color:#AE3537 }
```

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

Here you see how a box with a 4 pixel #AE3537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE3537; -webkit-box-shadow:4px 4px  
4px 4px #AE3537; box-shadow:4px 4px 4px  
4px #AE3537 }
```

# Background

The CSS property to change the background color of an element to Hex AE3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE3537 }
```

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

```
.background{ background-color:#AE3537 }
```

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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