

# Converting Colors

Hex(AE3434)

Have a look what the booklet for  
Hex(AE3434) contains.

<b>Hex(AE3434)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(AE3434)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE3434
RGB	174, 52, 52
RGB Percent	68%, 20%, 20%
CMY	0.3176, 0.7961, 0.7961
CMYK	0.00, 0.70, 0.70, 0.32
HSL	0°, 54%, 44%
HSV	0°, 70%, 68%
XYZ	19.3034, 11.7026, 4.4902
YIQ	88.4780, 72.7120, 25.8640

# Conversions

## Conversions Part 2

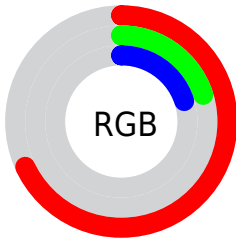
Format	Color
<a href="#">RYB</a>	<a href="#">174, 52, 52</a>
Decimal	<a href="#">11416628</a>
CIELab	<a href="#">40.74, 49.33, 28.73</a>
CIELCh	<a href="#">41, 57.090, 30.213</a>
Yxy	<a href="#">11.7026, 0.5438, 0.3297</a>
Android (android.graphics.Color)	<a href="#">4289606708</a> (0xFFAE3434)
YUV	<a href="#">88.4780, -17.9837, 75.0028</a>
Hunter-Lab	<a href="#">34.2090, 40.8577, 16.1640</a>

# Details

The Hex color **AE3434** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **34AEAE**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **EB6A63**, and **720008** is the 20% darker color. If you saturate the color by 10%, you get **AE2323**, and if you desaturate by 10%, it is **AE4545**.

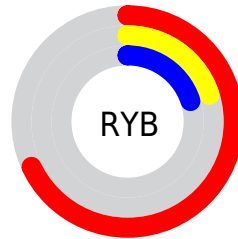
# Distribution



Red (68%)

Green (20%)

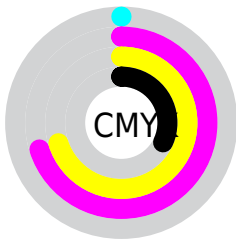
Blue (20%)



Red (68%)

Yellow (20%)

Blue (20%)

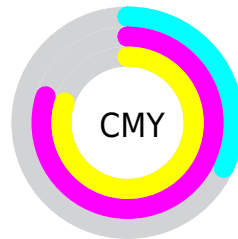


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (32%)



Cyan (32%)

Magenta (80%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE3434 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 AE3434 by changing the saturation by 10% instead.



 AE3434

 AE3434

FFFFFF

 90151F

 EB6A63

 720008

 FF857C

 550000

 FFA196

 3A0002

 FFBDB0

 150000

 FFDACC

 000000

 FFF7E8

 AE3434

 AE3434

 AE2323

 AE4545

 AE1111

 AE5757

 AE0000

 AE6868

 AE7A7A

 AE8B8B

 AE9C9C

 AEAEAE

 AEBFBF

 AED1D1

# Harmonies

## Analogous

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



B02962



AE3434



984B03

# Triad

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



AE3434



00722E



0066BE

# Complementary

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



AE3434



34AEAE

# 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.



0070B1



AE3434



00755F

# Square

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



AE3434



456B00



00748E



5C53B2

# Rectangle

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



AE3434



815900



00748E



006ABD



# Sweetspot

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



AE3434



E3B3B3



AE34AE



735656



F2F2F2



737373



# Same Dimension

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



AE3434



E32424



AE7134



574E4E



960000



170000



# Inverse Universe

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



34AEAE



24E3E3



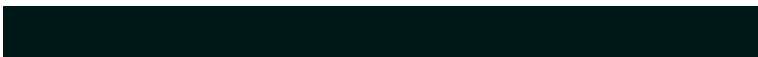
3471AE



4E5757



009696



001717



# Previews

## White Background



This preview shows how the Hex color AE3434 looks on a white background.

## Color Contrast Check

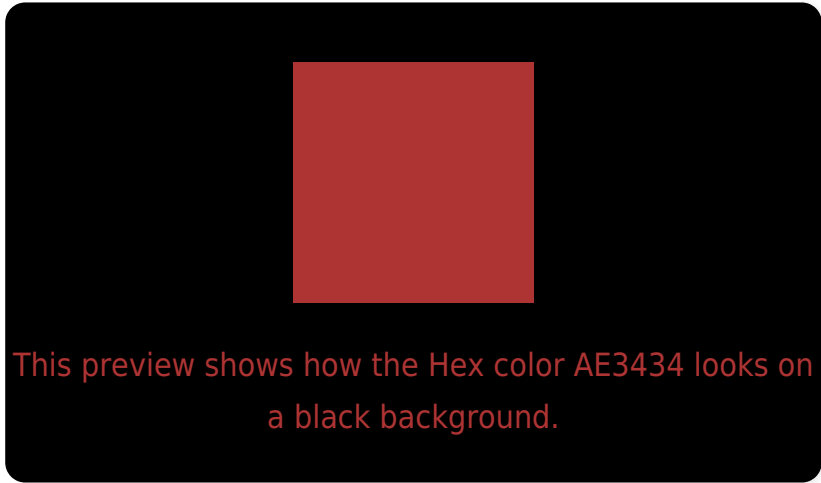
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE3434 Background



This preview shows how black text looks on a background with the Hex color AE3434.



This preview shows how white text looks on a background with the Hex color AE3434.

# Color Blindness Simulation

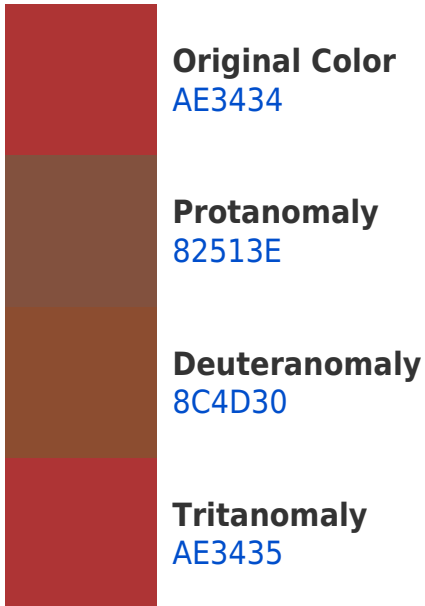
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE3434 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 #AE3434 looks like.

```
.text, #text, p{  
    color:#AE3434  
}
```

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 #AE3434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE3434
}
```

## Border

The CSS property to change the border of an element to Hex AE3434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

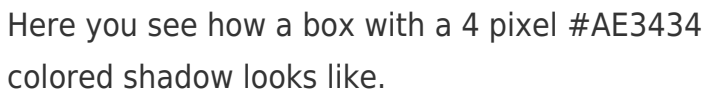
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE3434 }
```

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

```
.border{ border-color:#AE3434 }
```

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



Here you see how a box with a 4 pixel #AE3434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE3434; -webkit-box-shadow:4px 4px  
4px 4px #AE3434; box-shadow:4px 4px 4px  
4px #AE3434 }
```

# Background

The CSS property to change the background color of an element to Hex AE3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE3434 }
```

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

```
.background{ background-color:#AE3434 }
```

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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