

# Converting Colors

Hex(AE3133)

Have a look what the booklet for  
Hex(AE3133) contains.

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**Color**

**Hex(AE3133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE3133
RGB	174, 49, 51
RGB Percent	68%, 19%, 20%
CMY	0.3176, 0.8078, 0.8000
CMYK	0.00, 0.72, 0.71, 0.32
HSL	359°, 56%, 44%
HSV	359°, 72%, 68%
XYZ	19.1514, 11.4343, 4.3296
YIQ	86.6030, 73.8580, 27.1220

# Conversions

## Conversions Part 2

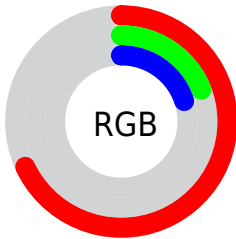
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	174, 49, 51
Decimal	11415859
CIE <sub>Lab</sub>	40.30, 50.44, 28.81
CIE <sub>LCh</sub>	40, 58.092, 29.731
Yxy	11.4343, 0.5485, 0.3275
Android (android.graphics.Color)	4289605939 (0xFFAE3133)
YUV	86.6030, -17.5523, 76.6472
Hunter-Lab	33.8147, 41.9204, 16.0788

# Details

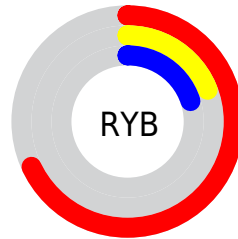
The Hex color **AE3133** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **31AEAC**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **EB6862**, and **720007** is the 20% darker color. If you saturate the color by 10%, you get **AE2022**, and if you desaturate by 10%, it is **AE4244**.

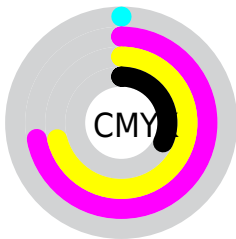
# Distribution



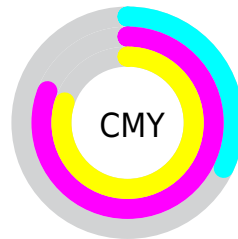
- Red (68%)
- Green (19%)
- Blue (20%)



- Red (68%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (72%)
- Yellow (71%)
- Black (32%)



- Cyan (32%)
- Magenta (81%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE3133 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 AE3133 by changing the saturation by 10% instead.



 AE3133

 AE3133

FFFFFF

 900F1E

 EB6862

 720007

 FF837B

 550000

 FF9F94

 3A0002

 FFBBAF

 140000

 FFD7CB

 000000

 FFF4E7

 AE3133

 AE3133

 AE2022

 AE4244

 AE0E11

 AE5455

 AE0003

 AE6566

 AE7777

 AE8889

 AE999A

 AEABAB

 AEBCBC

 AECECD

# Harmonies

## Analogous

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



B02662



AE3133



984900

# Triad

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



AE3133



00712B



0065BF

# Complementary

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



AE3133



31AEAC

# 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



AE3133



00745D

# Square

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



AE3133



446A00



00748D



5952B2

# Rectangle

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



AE3133



815700



00748D



006ABD



# Sweetspot

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



AE3133



E3B1B2



AC31AE



735555



F2F2F2



737373



# Same Dimension

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



AE3133



E32023



AE6D31



574E4E



960002



170000



# Inverse Universe

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



AE3133



E32023



3172AE



574E4E



960002



170000



# Previews

## White Background



This preview shows how the Hex color AE3133 looks on a white background.

## Color Contrast Check

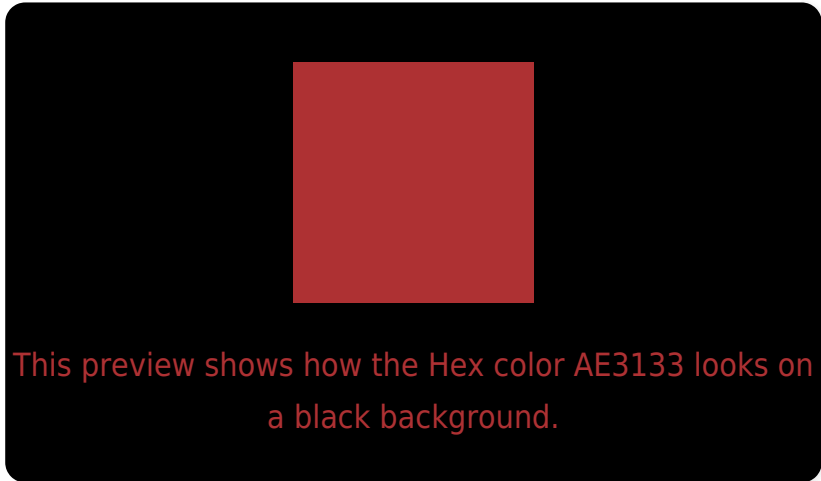
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE3133 Background



This preview shows how black text looks on a background with the Hex color AE3133.

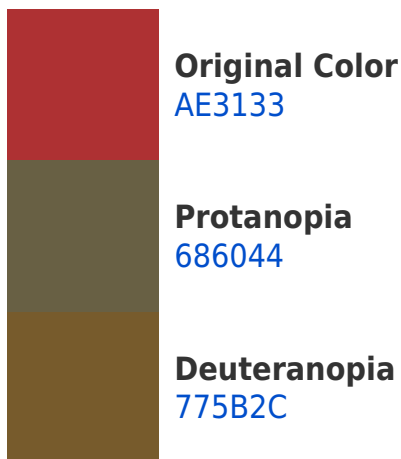


This preview shows how white text looks on a background with the Hex color AE3133.

# 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 AE3133 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 #AE3133 looks like.

```
.text, #text, p{  
    color:#AE3133  
}
```

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 #AE3133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE3133
}
```

## Border

The CSS property to change the border of an element to Hex AE3133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

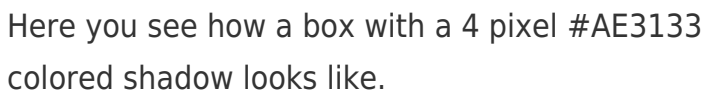
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE3133 }
```

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

```
.border{ border-color:#AE3133 }
```

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



Here you see how a box with a 4 pixel `#AE3133` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE3133; -webkit-box-shadow:4px 4px  
4px 4px #AE3133; box-shadow:4px 4px 4px  
4px #AE3133 }
```

# Background

The CSS property to change the background color of an element to Hex AE3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE3133 }
```

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

```
.background{ background-color:#AE3133 }
```

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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