

# Converting Colors

Hex(AE3C52)

Have a look what the booklet for  
Hex(AE3C52) contains.

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# Color

Hex(AE3C52)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE3C52
RGB	174, 60, 82
RGB Percent	68%, 24%, 32%
CMY	0.3176, 0.7647, 0.6784
CMYK	0.00, 0.66, 0.53, 0.32
HSL	348°, 49%, 46%
HSV	348°, 66%, 68%
XYZ	20.5944, 12.8396, 9.3755
YIQ	96.5940, 60.8820, 31.0100

# Conversions

## Conversions Part 2

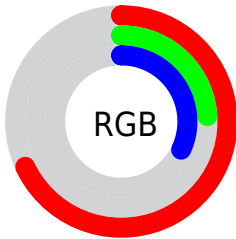
Format	Color
<a href="#">RYB</a>	<a href="#">174, 60, 82</a>
Decimal	<a href="#">11418706</a>
CIELab	<a href="#">42.52, 48.07, 12.58</a>
CIElCh	<a href="#">43, 49.688, 14.667</a>
Yxy	<a href="#">12.8396, 0.4811, 0.2999</a>
Android (android.graphics.Color)	<a href="#">4289608786</a> ( <a href="#">0xFFAE3C52</a> )
YUV	<a href="#">96.5940, -7.1948, 67.8851</a>
Hunter-Lab	<a href="#">35.8324, 39.8850, 9.5695</a>

# Details

The Hex color **AE3C52** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3CAE98**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **EA7283**, and **740026** is the 20% darker color. If you saturate the color by 10%, you get **AE2B44**, and if you desaturate by 10%, it is **AE4D60**.

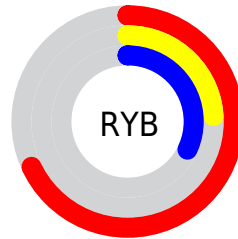
# Distribution



Red (68%)

Green (24%)

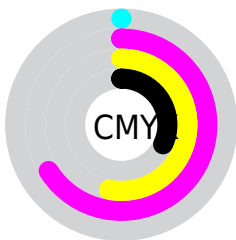
Blue (32%)



Red (68%)

Yellow (24%)

Blue (32%)

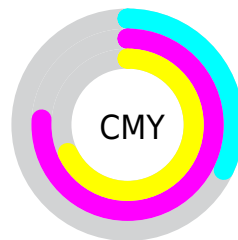


Cyan (0%)

Magenta (66%)

Yellow (53%)

Black (32%)



Cyan (32%)

Magenta (76%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE3C52 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 AE3C52 by changing the saturation by 10% instead.



 AE3C52

 AE3C52

FFFFFF

 911F3B

 EA7283

 740026

 FF8D9D

 580011

 FFA8B8

 3D0001

 FFC4D4

 1D0001

 FFE1F0

 000000

FFFEFF

 AE3C52

 AE3C52

 AE2B44

 AE4D60

 AE1936

 AE5F6E

 AE0828

 AE707C

 AE0022

 AE828A

 AE9398

 AEA4A6

 AEB6B4

 AEC7C2

 AED9D0

# Harmonies

## Analogous

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



A33F7B



AE3C52



A4492C

# Triad

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



AE3C52



367225



006FB4

# Complementary

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



AE3C52



3CAE98

# 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.



00769D



AE3C52



00764D

# Square

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



AE3C52



666903



007878



3562B4

# Rectangle

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



AE3C52



945515



007878



0072AE



# Sweetspot

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



AE3C52



E3B6BE



973CAE



73575D



F2F2F2



737373



# Same Dimension

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



AE3C52



E33052



AE5E3C



574E50



96001D



170004



# Inverse Universe

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



AE3C52



E33052



3C8CAE



574E50



96001D

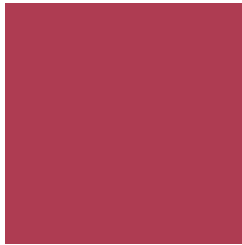


170004



# Previews

## White Background



This preview shows how the Hex color AE3C52 looks on a white background.

## Color Contrast Check

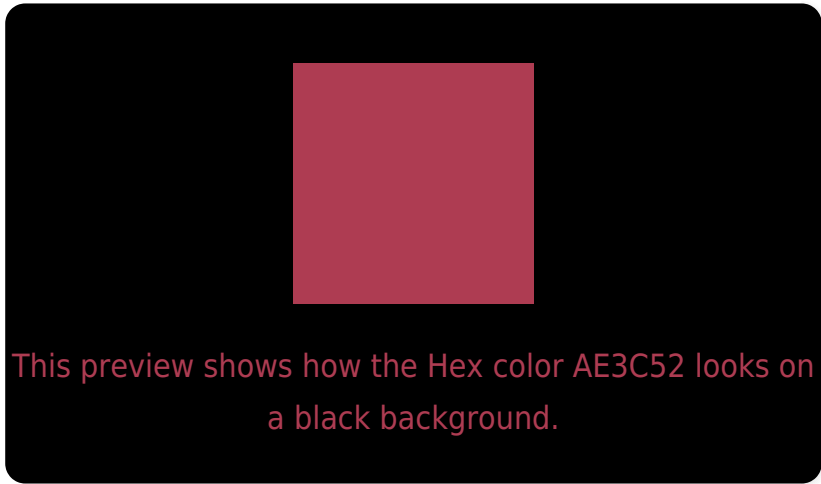
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE3C52 Background



This preview shows how black text looks on a background with the Hex color AE3C52.

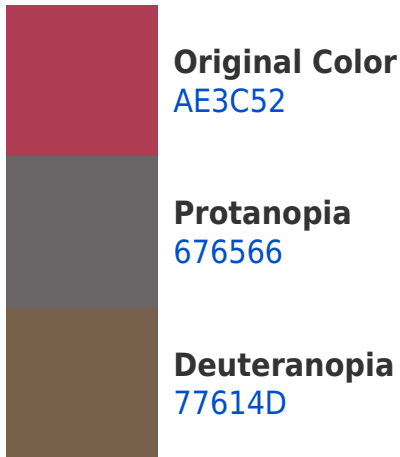


This preview shows how white text looks on a background with the Hex color AE3C52.

# 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**  
AD3F43

# Trichromacy



**Original Color**  
AE3C52

**Protanomaly**  
81565F

**Deuteranomaly**  
8B544F

**Tritanomaly**  
AD3E48

# Monochromacy



**Original Color**  
AE3C52

**Achromatopsia**  
616161

**Achromatomaly**  
7D545C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE3C52 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 #AE3C52 looks like.

```
.text, #text, p{  
    color:#AE3C52  
}
```

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 #AE3C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE3C52
}
```

## Border

The CSS property to change the border of an element to Hex AE3C52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

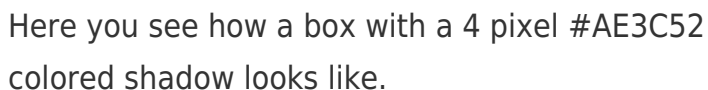
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE3C52 }
```

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

```
.border{ border-color:#AE3C52 }
```

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



Here you see how a box with a 4 pixel `#AE3C52` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE3C52; -webkit-box-shadow:4px 4px  
4px 4px #AE3C52; box-shadow:4px 4px 4px  
4px #AE3C52 }
```

# Background

The CSS property to change the background color of an element to Hex AE3C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE3C52 }
```

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

```
.background{ background-color:#AE3C52 }
```

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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