

# Converting Colors

Hex(AE4D46)

Have a look what the booklet for  
Hex(AE4D46) contains.

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# Color

**Hex(AE4D46)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE4D46
RGB	174, 77, 70
RGB Percent	68%, 30%, 27%
CMY	0.3176, 0.6980, 0.7255
CMYK	0.00, 0.56, 0.60, 0.32
HSL	4°, 43%, 48%
HSV	4°, 60%, 68%
XYZ	21.2149, 14.7486, 7.5230
YIQ	105.2050, 60.0590, 18.3870

# Conversions

## Conversions Part 2

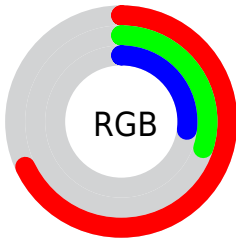
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 78, 70
Decimal	11423046
CIELab	45.29, 39.13, 23.60
CIElCh	45, 45.694, 31.098
Yxy	14.7486, 0.4879, 0.3392
Android (android.graphics.Color)	4289613126 (0xFFAE4D46)
YUV	105.2050, -17.3561, 60.3332
Hunter-Lab	38.4039, 31.3993, 15.2684

# Details

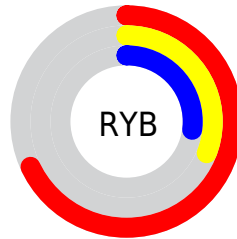
The Hex color **AE4D46** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **46A7AE**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **EA8176**, and **74191A** is the 20% darker color. If you saturate the color by 10%, you get **AE3D35**, and if you desaturate by 10%, it is **AE5D57**.

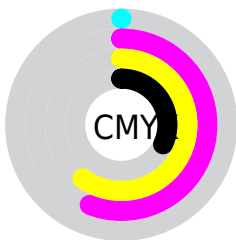
# Distribution



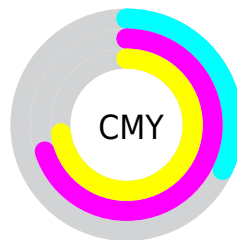
- Red (68%)
- Green (30%)
- Blue (27%)



- Red (68%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (56%)
- Yellow (60%)
- Black (32%)



- Cyan (32%)
- Magenta (70%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE4D46 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 AE4D46 by changing the saturation by 10% instead.



 AE4D46

 AE4D46

FFFFFF

 913430

 EA8176

 74191A

 FF9C90

 580001

 FFB7AB

 3D0000

 FFD3C6

 210001

 FFF0E2

 000000

 AE4D46

 AE4D46

 AE3D35

 AE5D57

 AE2D23

 AE6D69

 AE1C12

 AE7E7A

 AE0C00

 AE8E8C

 AE9E9D

 AEAEAE

 AEBFC0

 AECFD1

 AEDFE3

# Harmonies

## Analogous

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



AF486B



AE4D46



9C5B27

# Triad

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



AE4D46



1B7B45



006FB8

# Complementary

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



AE4D46



46A7AE

# 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.



0079AE



AE4D46



007D6B

# Square

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



AE4D46



577425



007D92



6E60AD

# Rectangle

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



AE4D46



89651A



007D92



0073B6



# Sweetspot

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



AE4D46



E3BDBA



AE46A7



735B5A



F2F2F2



737373



# Same Dimension

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



AE4D46



E34B40



AE8146



574F4E



960A00



170200



# Inverse Universe

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



46A7AE



40D8E3



4673AE



4E5657



008C96



001517



# Previews

## White Background



This preview shows how the Hex color AE4D46 looks on a white background.

## Color Contrast Check

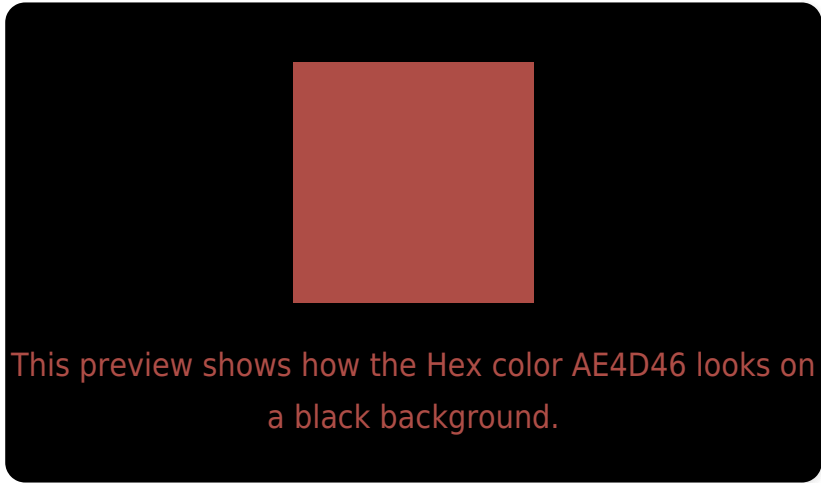
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE4D46 Background



This preview shows how black text looks on a background with the Hex color AE4D46.



This preview shows how white text looks on a background with the Hex color AE4D46.

# 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**  
AE4D46

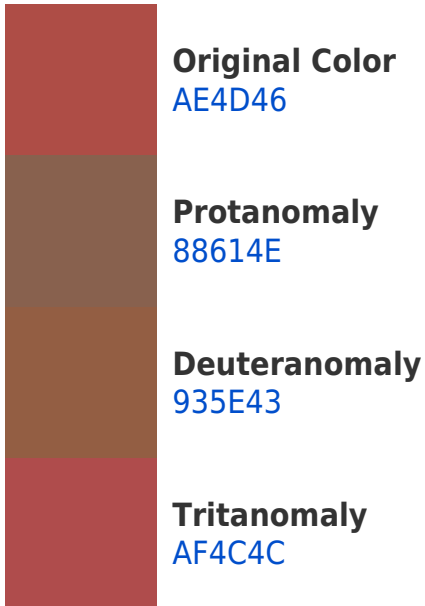
**Protanopia**  
736C53

**Deuteranopia**  
836741



**Tritanopia**  
AF4B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE4D46 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 #AE4D46 looks like.

```
.text, #text, p{  
    color:#AE4D46  
}
```

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 #AE4D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE4D46
}
```

## Border

The CSS property to change the border of an element to Hex AE4D46 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
#AE4D46 }
```

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

```
.border{ border-color:#AE4D46 }
```

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

Here you see how a box with a 4 pixel #AE4D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE4D46; -webkit-box-shadow:4px 4px  
4px 4px #AE4D46; box-shadow:4px 4px 4px  
4px #AE4D46 }
```

# Background

The CSS property to change the background color of an element to Hex AE4D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE4D46 }
```

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

```
.background{ background-color:#AE4D46 }
```

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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