

Converting Colors

Hex(AE4938)

Have a look what the booklet for
Hex(AE4938) contains.

Hex(AE4938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AE4938)

Conversions

Conversions Part 1

Format	Color
Hex	AE4938
RGB	174, 73, 56
RGB Percent	68%, 29%, 22%
CMY	0.3176, 0.7137, 0.7804
CMYK	0.00, 0.58, 0.68, 0.32
HSL	9°, 51%, 45%
HSV	9°, 68%, 68%
XYZ	20.5519, 14.0493, 5.3700
YIQ	101.2610, 65.6530, 16.1250

Conversions

Conversions Part 2

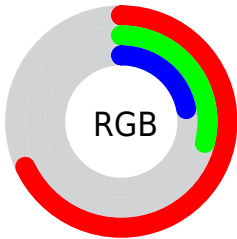
Format	Color
RYB	174, 76, 56
Decimal	11422008
CIELab	44.30, 40.18, 30.63
CIELCh	44, 50.519, 37.319
Yxy	14.0493, 0.5142, 0.3515
Android (android.graphics.Color)	4289612088 (0xFFAE4938)
YUV	101.2610, -22.3137, 63.7921
Hunter-Lab	37.4824, 32.2790, 17.7434

Details

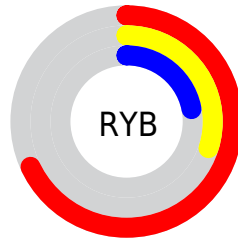
The Hex color **AE4938** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **389DAE**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **EA7D68**, and **73140D** is the 20% darker color. If you saturate the color by 10%, you get **AE3A27**, and if you desaturate by 10%, it is **AE5849**.

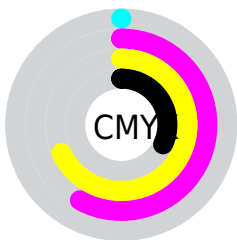
Distribution



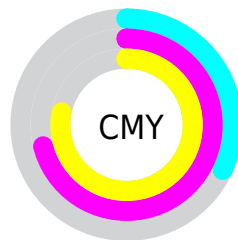
- Red (68%)
- Green (29%)
- Blue (22%)



- Red (68%)
- Yellow (30%)
- Blue (22%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (32%)



- Cyan (32%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE4938 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 AE4938 by changing the saturation by 10% instead.

 AE4938

 AE4938

FFFFFF

 902F22

 EA7D68

 73140D

 FF9881

 570000

 FFB39B

 3B0000

 FFCFB6

 1D0001

 FFECD2

 000000

 FFFFEE

 AE4938

 AE4938

 AE3A27

 AE5849

 AE2B15

 AE675B

 AE1C04

 AE766C

 AE1900

 AE857E

 AE938F

 AEA2A0

 AEB1B2

 AEC0C3

 AECFD5

Harmonies

Analogous

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



B43F60



AE4938



975B15

Triad

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



AE4938



007A47



056ABC

Complementary

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



AE4938



389DAE

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.



0076B6



AE4938



007C72

Square

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



AE4938



47741F



007B9B



7759AC

Rectangle

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



AE4938



816503



007B9B



006FBD

Sweetspot

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



AE4938



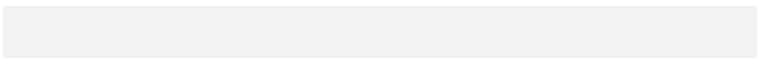
E3BCB6



AE389E



735B57



F2F2F2



737373

Same Dimension

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



AE4938



E3462B



AE8338



574F4E



961600



170300

Inverse Universe

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



389DAE



2BC8E3



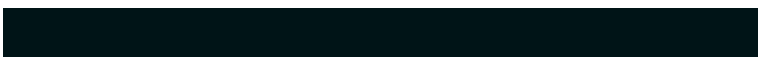
3863AE



4E5557



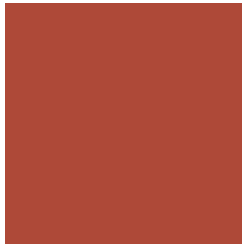
008196



001417

Previews

White Background



This preview shows how the Hex color AE4938 looks on a white background.

Color Contrast Check

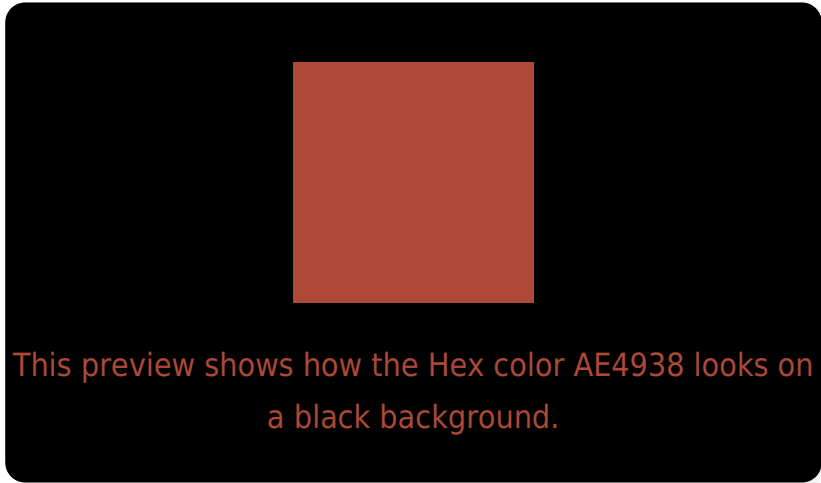
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE4938 Background



This preview shows how black text looks on a background with the Hex color AE4938.

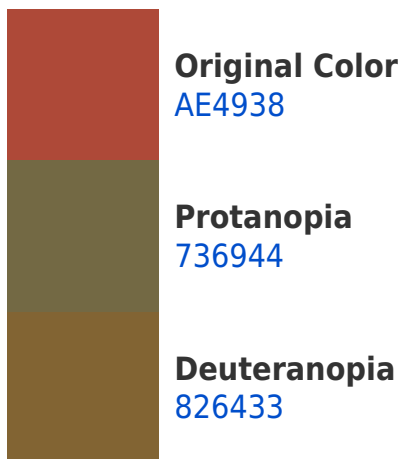


This preview shows how white text looks on a background with the Hex color AE4938.

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
AF464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE4938 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 #AE4938 looks like.

```
.text, #text, p{  
    color:#AE4938  
}
```

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 #AE4938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE4938
}
```

Border

The CSS property to change the border of an element to Hex AE4938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

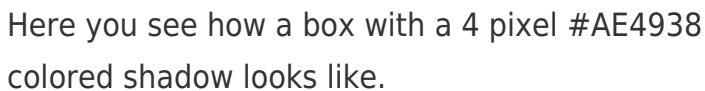
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE4938 }
```

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

```
.border{ border-color:#AE4938 }
```

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



Here you see how a box with a 4 pixel #AE4938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE4938; -webkit-box-shadow:4px 4px  
4px 4px #AE4938; box-shadow:4px 4px 4px  
4px #AE4938 }
```

Background

The CSS property to change the background color of an element to Hex AE4938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE4938 }
```

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

```
.background{ background-color:#AE4938 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor