

# Converting Colors

Hex(AB4B3E)

Have a look what the booklet for  
Hex(AB4B3E) contains.

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# Color

Hex(**AB4B3E**)

# Conversions

## Conversions Part 1

Format	Color
Hex	AB4B3E
RGB	171, 75, 62
RGB Percent	67%, 29%, 24%
CMY	0.3294, 0.7059, 0.7569
CMYK	0.00, 0.56, 0.64, 0.33
HSL	7°, 47%, 46%
HSV	7°, 64%, 67%
XYZ	20.1802, 14.0379, 6.2034
YIQ	102.2220, 61.3890, 16.3090

# Conversions

## Conversions Part 2

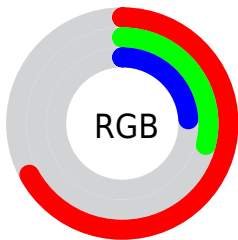
Format	Color
<b>RYB</b>	171, 77, 62
Decimal	11225918
CIELab	44.29, 38.43, 26.99
CIELCh	44, 46.956, 35.079
Yxy	14.0379, 0.4992, 0.3473
Android (android.graphics.Color)	4289415998 (0xFFAB4B3E)
YUV	102.2220, -19.8294, 60.3183
Hunter-Lab	37.4672, 30.5742, 16.4104

# Details

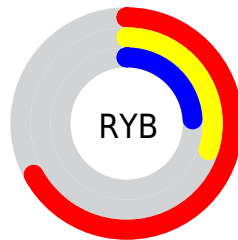
The Hex color **AB4B3E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3E9EAB**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **E77F6E**, and **711713** is the 20% darker color. If you saturate the color by 10%, you get **AB3C2D**, and if you desaturate by 10%, it is **AB5A4F**.

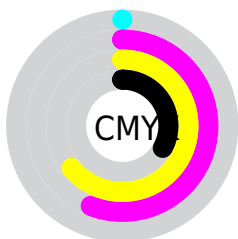
# Distribution



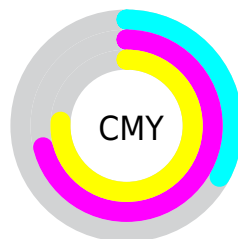
- Red (67%)
- Green (29%)
- Blue (24%)



- Red (67%)
- Yellow (30%)
- Blue (24%)



- Cyan (0%)
- Magenta (56%)
- Yellow (64%)
- Black (33%)



- Cyan (33%)
- Magenta (71%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4B3E 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 AB4B3E by changing the saturation by 10% instead.




 AB4B3E

 AB4B3E

FFFFFF

 8E3228

 E77F6E

 711713

 FF9987

 550000

 FFB5A2

 3A0000

 FFD1BD

 1B0001

 FFEED9

 000000

 FFFFF5

 AB4B3E

 AB4B3E

 AB3C2D

 AB5A4F

 AB2D1C

 AB6960

 AB1E0B

 AB7871

 AB1400

 AB8782

 AB9693

 ABA5A5

 ABB4B6

 ABC3C7

 ABD3D8

# Harmonies

## Analogous

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



AF4364



AB4B3E



975B1F

# Triad

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



AB4B3E



007946



106BB7

# Complementary

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



AB4B3E



3E9EAB

# 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.



0075AF



AB4B3E



007B6E

# Square

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



AB4B3E



4E7323



007A95



735BA9

# Rectangle

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



AB4B3E



826512



007A95



006FB7



# Sweetspot

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



AB4B3E



DEB9B4



AB3E9E



705956



F0F0F0



707070



# Same Dimension

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



AB4B3E



DE4935



AB813E



574F4E



961200



170300



# Inverse Universe

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



3E9EAB



35CADE



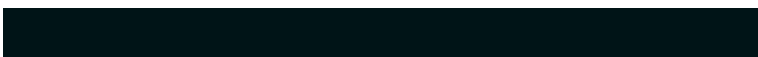
3E68AB



4E5657



008596



001417



# Previews

## White Background



This preview shows how the Hex color AB4B3E looks on a white background.

## Color Contrast Check

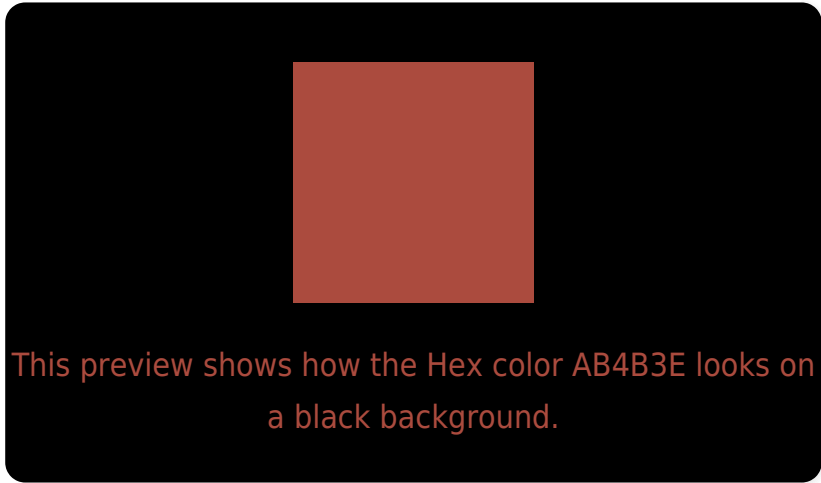
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB4B3E Background



This preview shows how black text looks on a background with the Hex color AB4B3E.

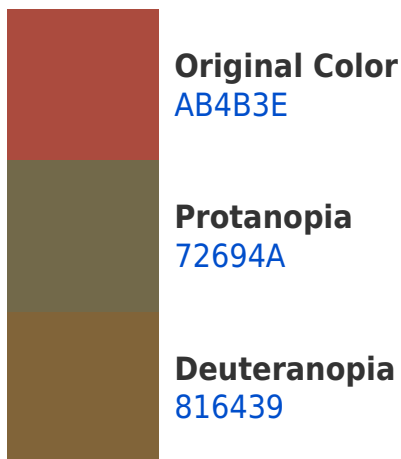


This preview shows how white text looks on a background with the Hex color AB4B3E.

# Color Blindness Simulation

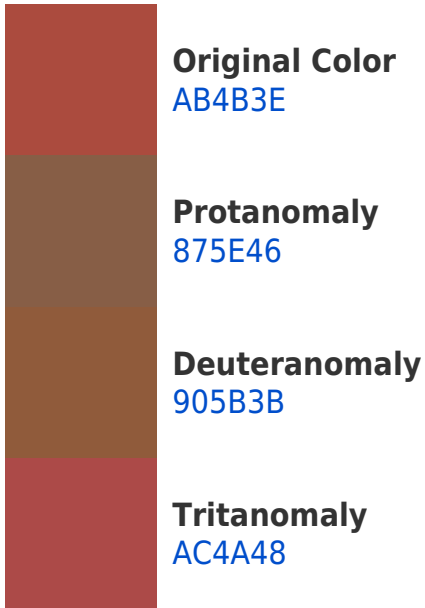
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4B3E 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 #AB4B3E looks like.

```
.text, #text, p{  
    color:#AB4B3E  
}
```

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 #AB4B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4B3E
}
```

## Border

The CSS property to change the border of an element to Hex AB4B3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

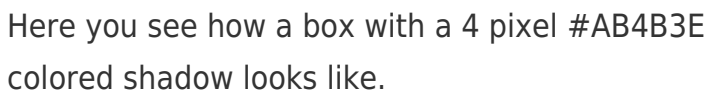
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB4B3E }
```

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

```
.border{ border-color:#AB4B3E }
```

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



Here you see how a box with a 4 pixel `#AB4B3E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4B3E; -webkit-box-shadow:4px 4px  
4px 4px #AB4B3E; box-shadow:4px 4px 4px  
4px #AB4B3E }
```

# Background

The CSS property to change the background color of an element to Hex AB4B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4B3E }
```

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

```
.background{ background-color:#AB4B3E }
```

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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