

# Converting Colors

Hex(AB4A36)

Have a look what the booklet for  
Hex(AB4A36) contains.

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# Color

Hex(**AB4A36**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB4A36
RGB	171, 74, 54
RGB Percent	67%, 29%, 21%
CMY	0.3294, 0.7098, 0.7882
CMYK	0.00, 0.57, 0.68, 0.33
HSL	10°, 52%, 44%
HSV	10°, 68%, 67%
XYZ	19.9092, 13.8218, 5.1086
YIQ	100.7230, 64.2320, 14.3440

# Conversions

## Conversions Part 2

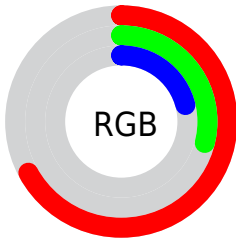
Format	Color
<a href="#">RYB</a>	<a href="#">171, 78, 54</a>
Decimal	<a href="#">11225654</a>
CIELab	<a href="#">43.98, 38.43, 31.27</a>
CIElCh	<a href="#">44, 49.543, 39.140</a>
Yxy	<a href="#">13.8218, 0.5126, 0.3559</a>
Android (android.graphics.Color)	<a href="#">4289415734</a> ( <a href="#">0xFFAB4A36</a> )
YUV	<a href="#">100.7230, -23.0344, 61.6329</a>
Hunter-Lab	<a href="#">37.1777, 30.5284, 17.8774</a>

# Details

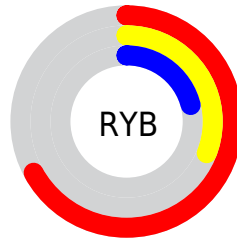
The Hex color **AB4A36** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3697AB**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **E77E65**, and **71160A** is the 20% darker color. If you saturate the color by 10%, you get **AB3C25**, and if you desaturate by 10%, it is **AB5847**.

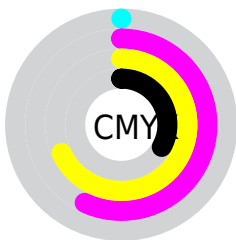
# Distribution



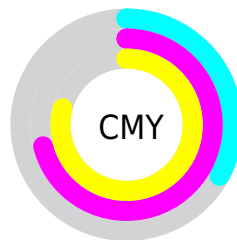
- Red (67%)
- Green (29%)
- Blue (21%)



- Red (67%)
- Yellow (31%)
- Blue (21%)



- Cyan (0%)
- Magenta (57%)
- Yellow (68%)
- Black (33%)



- Cyan (33%)
- Magenta (71%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB4A36 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 AB4A36 by changing the saturation by 10% instead.




 AB4A36

 AB4A36

FFFFFF

 8E3120

 E77E65

 71160A

 FF987F

 540000

 FFB499

 390000

 FFD0B4

 190001

 FFECCF

 000000

 FFFFEC

 AB4A36

 AB4A36

 AB3C25

 AB5847

 AB2E14

 AB6658

 AB1F03

 AB7569

 AB1D00

 AB837A

 AB918C

 AB9F9D

 ABADAE

 ABBBBF

 ABCAD0

# Harmonies

## Analogous

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



B23F5D



AB4A36



935B15

# Triad

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



AB4A36



007949



1F69BA

# Complementary

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



AB4A36



3697AB

# 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.



0074B5



AB4A36



007B74

# Square

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



AB4A36



447422



007A9B



7A57A8

# Rectangle

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



AB4A36



7D6606



007A9B



006DBA



# Sweetspot

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



AB4A36



DEB7AF



AB3697



705954



F0F0F0



707070



# Same Dimension

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



AB4A36



DE4728



AB8436



57504E



961A00



170400



# Inverse Universe

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



3697AB



28BFDE



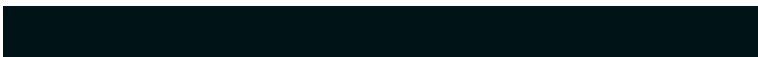
365DAB



4E5557



007D96



001317



# Previews

## White Background



This preview shows how the Hex color AB4A36 looks on a white background.

## Color Contrast Check

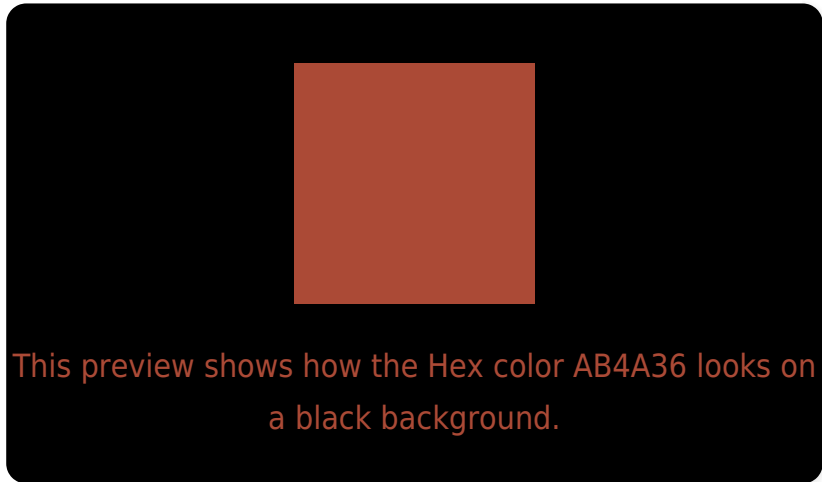
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB4A36 Background



This preview shows how black text looks on a background with the Hex color AB4A36.



This preview shows how white text looks on a background with the Hex color AB4A36.

# 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**  
AB4A36

**Protanopia**  
726941

**Deuteranopia**  
816431



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB4A36 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 #AB4A36 looks like.

```
.text, #text, p{  
    color:#AB4A36  
}
```

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 #AB4A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4A36
}
```

## Border

The CSS property to change the border of an element to Hex AB4A36 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
#AB4A36 }
```

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

```
.border{ border-color:#AB4A36 }
```

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

Here you see how a box with a 4 pixel #AB4A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4A36; -webkit-box-shadow:4px 4px  
4px 4px #AB4A36; box-shadow:4px 4px 4px  
4px #AB4A36 }
```

# Background

The CSS property to change the background color of an element to Hex AB4A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4A36 }
```

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

```
.background{ background-color:#AB4A36 }
```

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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