

# Converting Colors

Hex(AB5A3F)

Have a look what the booklet for  
Hex(AB5A3F) contains.

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# Color

Hex(**AB5A3F**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB5A3F
RGB	171, 90, 63
RGB Percent	67%, 35%, 25%
CMY	0.3294, 0.6471, 0.7529
CMYK	0.00, 0.47, 0.63, 0.33
HSL	15°, 46%, 46%
HSV	15°, 63%, 67%
XYZ	21.3480, 16.3291, 6.7293
YIQ	111.1410, 56.9430, 8.7750

# Conversions

## Conversions Part 2

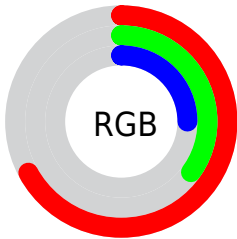
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 99, 63
Decimal	11229759
CIELab	47.40, 30.64, 30.24
CIELCh	47, 43.052, 44.625
Yxy	16.3291, 0.4807, 0.3677
Android (android.graphics.Color)	4289419839 (0xFFAB5A3F)
YUV	111.1410, -23.7335, 52.4963
Hunter-Lab	40.4093, 23.5839, 18.4131

# Details

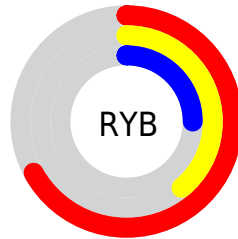
The Hex color **AB5A3F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3F90AB**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **E68D6F**, and **722A13** is the 20% darker color. If you saturate the color by 10%, you get **AB4D2E**, and if you desaturate by 10%, it is **AB6750**.

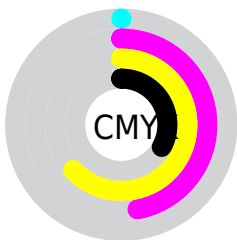
# Distribution



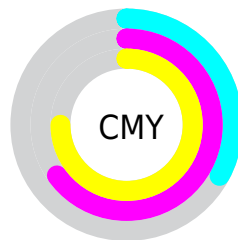
- Red (67%)
- Green (35%)
- Blue (25%)



- Red (67%)
- Yellow (39%)
- Blue (25%)



- Cyan (0%)
- Magenta (47%)
- Yellow (63%)
- Black (33%)



- Cyan (33%)
- Magenta (65%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB5A3F 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 AB5A3F by changing the saturation by 10% instead.





AB5A3F



AB5A3F

FFFFFF



8E4128



E68D6F



722A13



FFA889



571100



FFC4A3



3B0000



FFE0BF



210001



FFFDDA



000000



FFFFFF7



AB5A3F



AB5A3F



AB4D2E



AB6750

 AB401D

 AB7461

 AB340C

 AB8072

 AB2B00

 AB8D83

 AB9A94

 ABA7A6

 ABB4B7

 ABC1C8

 ABCDD9

# Harmonies

## Analogous

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



B45160



AB5A3F



946828

# Triad

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



AB5A3F



00815C



506EB7

# Complementary

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



AB5A3F



3F90AB

# 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.



007AB6



AB5A3F



008282

# Square

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



AB5A3F



4B7C3A



0080A2



8960A4

# Rectangle

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



AB5A3F



7F7023



0080A2



3273B9



# Sweetspot

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



AB5A3F



DEBEB4



AB3F90



705D56



F0F0F0



707070



# Same Dimension

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



AB5A3F



DE5F35



AB903F



57504E



962600



170600



# Inverse Universe

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



3F90AB



35B4DE



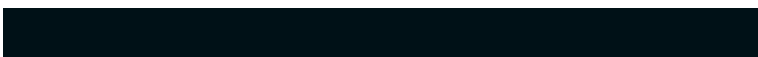
3F5AAB



4E5557



007196

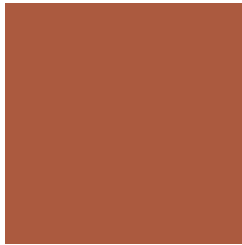


001117



# Previews

## White Background



This preview shows how the Hex color AB5A3F looks on a white background.

## Color Contrast Check

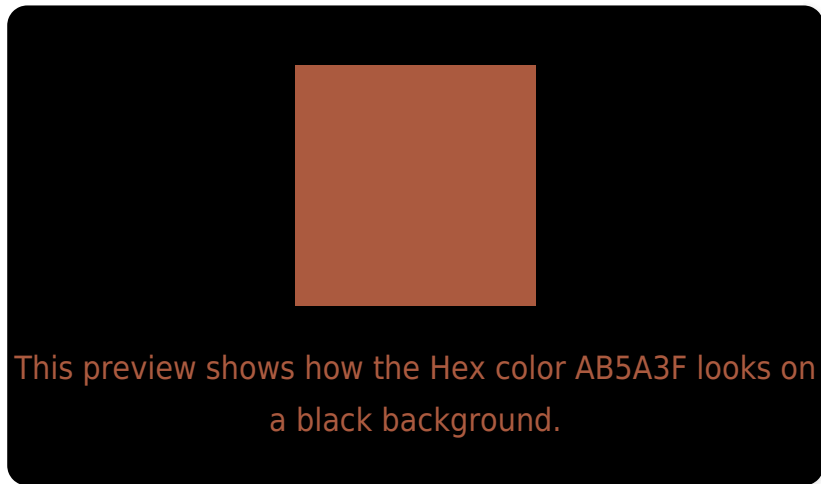
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB5A3F Background



This preview shows how black text looks on a background with the Hex color AB5A3F.

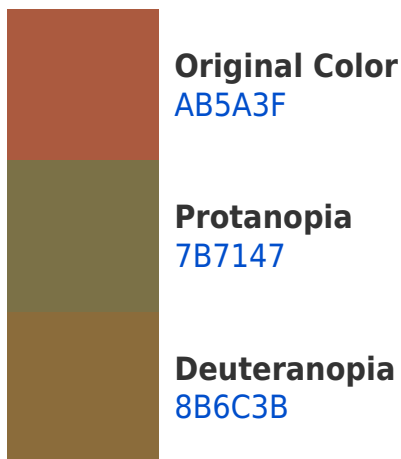


This preview shows how white text looks on a background with the Hex color AB5A3F.

# Color Blindness Simulation

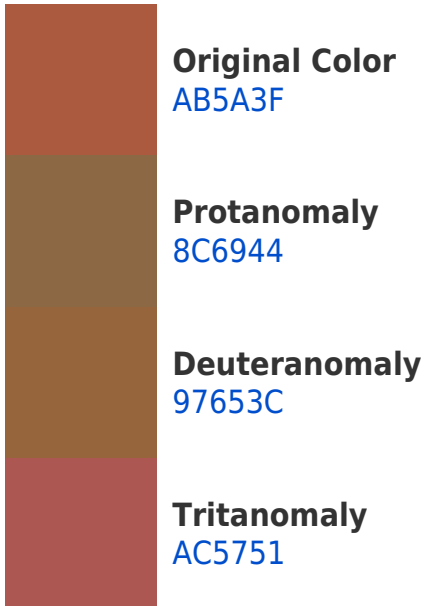
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

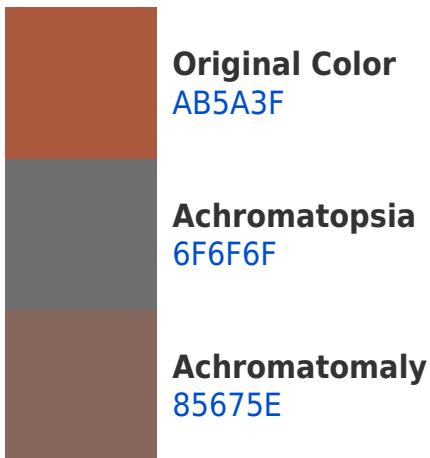




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB5A3F 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 #AB5A3F looks like.

```
.text, #text, p{  
    color:#AB5A3F  
}
```

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 #AB5A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5A3F
}
```

## Border

The CSS property to change the border of an element to Hex AB5A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

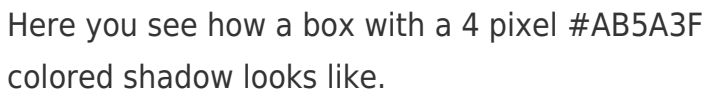
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB5A3F }
```

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

```
.border{ border-color:#AB5A3F }
```

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



Here you see how a box with a 4 pixel #AB5A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5A3F; -webkit-box-shadow:4px 4px  
4px 4px #AB5A3F; box-shadow:4px 4px 4px  
4px #AB5A3F }
```

# Background

The CSS property to change the background color of an element to Hex AB5A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5A3F }
```

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

```
.background{ background-color:#AB5A3F }
```

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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