

# Converting Colors

Hex(AB3F3E)

Have a look what the booklet for  
Hex(AB3F3E) contains.

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# Color

Hex(**AB3F3E**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB3F3E
RGB	171, 63, 62
RGB Percent	67%, 25%, 24%
CMY	0.3294, 0.7529, 0.7569
CMYK	0.00, 0.63, 0.64, 0.33
HSL	1°, 47%, 46%
HSV	1°, 64%, 67%
XYZ	19.4416, 12.5607, 5.9572
YIQ	95.1780, 64.6890, 22.5850

# Conversions

## Conversions Part 2

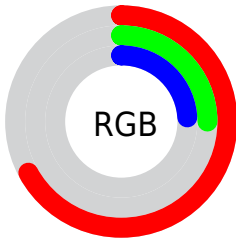
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 63, 62
Decimal	11222846
CIE <sub>Lab</sub>	42.09, 44.20, 24.24
CIE <sub>LCh</sub>	42, 50.406, 28.738
Yxy	12.5607, 0.5122, 0.3309
Android (android.graphics.Color)	4289412926 (0xFFAB3F3E)
YUV	95.1780, -16.3568, 66.4959
Hunter-Lab	35.4411, 35.8960, 14.8429

# Details

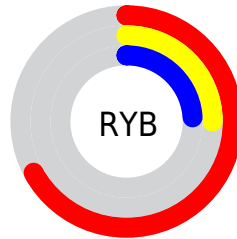
The Hex color **AB3F3E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3EAAAB**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E7746E**, and **710114** is the 20% darker color. If you saturate the color by 10%, you get **AB2E2D**, and if you desaturate by 10%, it is **AB504F**.

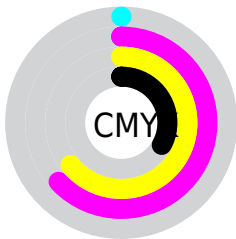
# Distribution



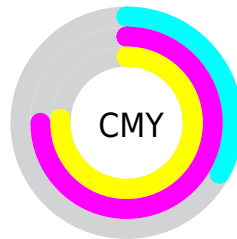
- Red (67%)
- Green (25%)
- Blue (24%)



- Red (67%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (63%)
- Yellow (64%)
- Black (33%)



- Cyan (33%)
- Magenta (75%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB3F3E 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 AB3F3E by changing the saturation by 10% instead.



 AB3F3E

 AB3F3E

FFFFFFF

 8E2428

 E7746E

 710114

 FF8E87

 540000

 FFAAA1

 390001

 FFC6BC

 160000

 FFE3D8

 000000

 FFFFF4

 AB3F3E

 AB3F3E

 AB2E2D

 AB504F

 AB1D1C

 AB6160

 AB0C0B

 AB7271

 AB0200

 AB8382

 AB9493

 ABA5A5

 ABB6B6

 ABC7C7

 ABD7D8

# Harmonies

## Analogous

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



AB3967



AB3F3E



98501A

# Triad

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



AB3F3E



007336



0069B7

# Complementary

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



AB3F3E



3EAAAB

# 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.



0072AA



AB3F3E



007660

# Square

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



AB3F3E



506C0E



00768A



5F59AD

# Rectangle

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



AB3F3E



845C02



00768A



006DB5



# Sweetspot

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



AB3F3E



DEB4B4



AB3EAB



705756



F0F0F0



707070



# Same Dimension

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



AB3F3E



DE3735



AB743E



574E4E



960100



170000



# Inverse Universe

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



3EAAAB



35DCDE



3E74AB



4E5757



009596



001717



# Previews

## White Background



This preview shows how the Hex color AB3F3E looks on a white background.

## Color Contrast Check

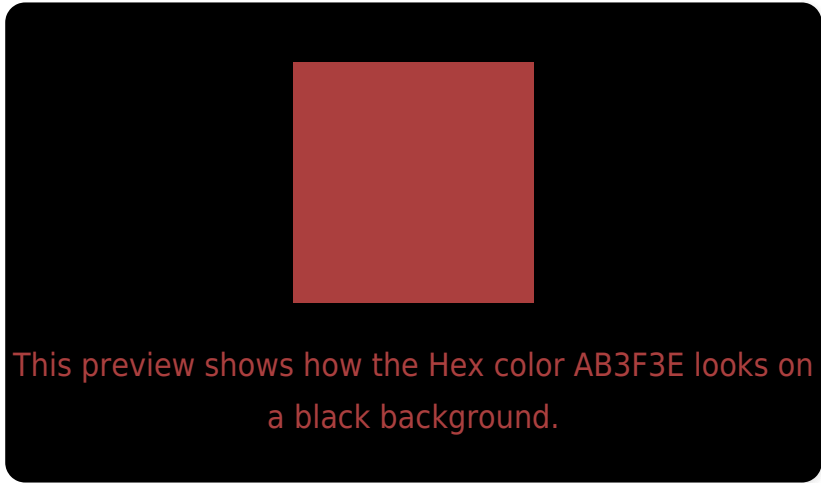
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB3F3E Background



This preview shows how black text looks on a background with the Hex color AB3F3E.



This preview shows how white text looks on a background with the Hex color AB3F3E.

# 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**  
AB3F3E

**Protanopia**  
6B644D

**Deuteranopia**  
7A5F38



**Tritanopia**  
AB3E42

# Trichromacy



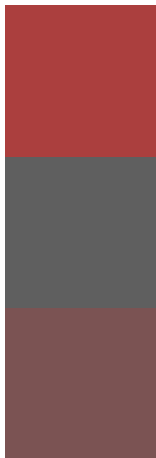
**Original Color**  
AB3F3E

**Protanomaly**  
825748

**Deuteranomaly**  
8C533A

**Tritanomaly**  
AB3E41

# Monochromacy



**Original Color**  
AB3F3E

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
7B5353

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB3F3E 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 #AB3F3E looks like.

```
.text, #text, p{  
    color:#AB3F3E  
}
```

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 #AB3F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3F3E
}
```

## Border

The CSS property to change the border of an element to Hex AB3F3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

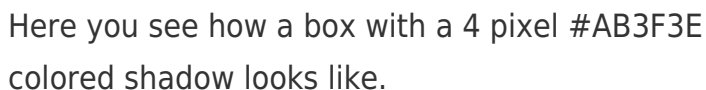
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB3F3E }
```

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

```
.border{ border-color:#AB3F3E }
```

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



Here you see how a box with a 4 pixel #AB3F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3F3E; -webkit-box-shadow:4px 4px  
4px 4px #AB3F3E; box-shadow:4px 4px 4px  
4px #AB3F3E }
```

# Background

The CSS property to change the background color of an element to Hex AB3F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3F3E }
```

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

```
.background{ background-color:#AB3F3E }
```

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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