

# Converting Colors

Hex(BA3E49)

Have a look what the booklet for  
Hex(BA3E49) contains.

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# Color

Hex(BA3E49)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA3E49
RGB	186, 62, 73
RGB Percent	73%, 24%, 29%
CMY	0.2706, 0.7569, 0.7137
CMYK	0.00, 0.67, 0.61, 0.27
HSL	355°, 50%, 49%
HSV	355°, 67%, 73%
XYZ	23.1749, 14.3654, 7.8547
YIQ	100.3300, 70.3730, 29.7090

# Conversions

## Conversions Part 2

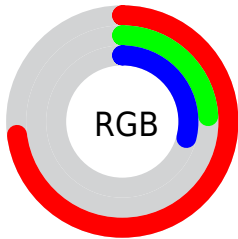
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 62, 73
Decimal	12205641
CIE <sub>Lab</sub>	44.75, 50.50, 21.49
CIE <sub>LCh</sub>	45, 54.883, 23.050
Yxy	14.3654, 0.5105, 0.3165
Android (android.graphics.Color)	4290395721 (0xFFBA3E49)
YUV	100.3300, -13.4737, 75.1326
Hunter-Lab	37.9017, 42.8155, 14.2441

# Details

The Hex color **BA3E49** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3EBAAF**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F77479**, and **7F001E** is the 20% darker color. If you saturate the color by 10%, you get **BA2B38**, and if you desaturate by 10%, it is **BA515A**.

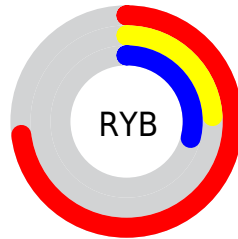
# Distribution



Red (73%)

Green (24%)

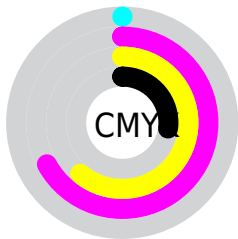
Blue (29%)



Red (73%)

Yellow (24%)

Blue (29%)

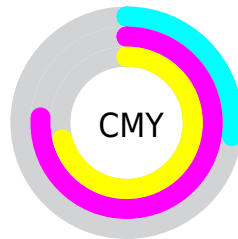


Cyan (0%)

Magenta (67%)

Yellow (61%)

Black (27%)



Cyan (27%)

Magenta (76%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA3E49 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 BA3E49 by changing the saturation by 10% instead.



 BA3E49

 BA3E49

FFFFFF

 9C2133

 F77479

 7F001E

 FF9093

 620006

 FFABAE

 450000

 FFC8C9

 290001

 FFE5E5

 000000

 BA3E49

 BA3E49

 BA2B38

 BA515A

 BA1927

 BA636B

 BA0616

 BA767C

 BA0011

 BA888D

 BA9B9E

 BAAEAF

 BAC0C0

 BAD3D1

 BAE5E2

# Harmonies

## Analogous

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



B63B77



BA3E49



A9511F

# Triad

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



BA3E49



187A2F



0072C5

# Complementary

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



BA3E49



3EBAAF

# 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.



007BB2



BA3E49



007E5D

# Square

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



BA3E49



5D7200



007F8C



5362BF

# Rectangle

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



BA3E49



945E01



007F8C



0076C1



# Sweetspot

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



BA3E49



F2C2C6



AE3EBA



7A5D60



FAFAFA



7A7A7A



# Same Dimension

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



BA3E49



F23042



BA703E



5C5353



9C000E



1C0002



# Inverse Universe

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



BA3E49



F23042



3E88BA



5C5353



9C000E



1C0002



# Previews

## White Background



This preview shows how the Hex color BA3E49 looks on a white background.

## Color Contrast Check

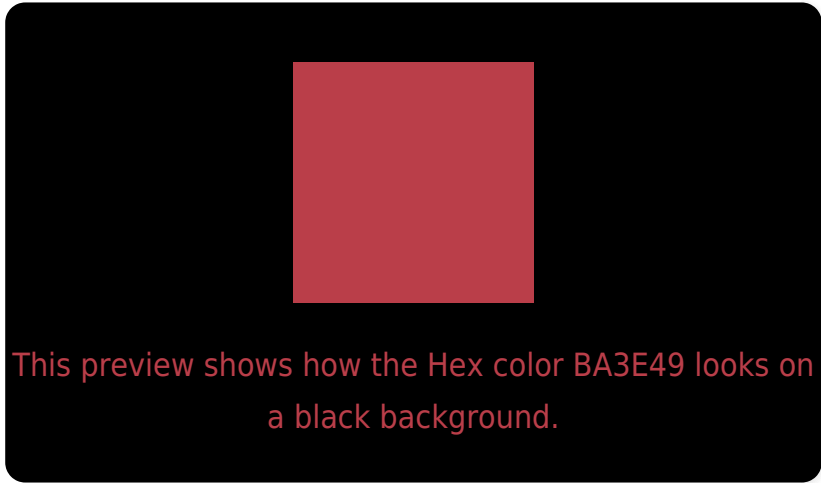
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA3E49 Background



This preview shows how black text looks on a background with the Hex color BA3E49.

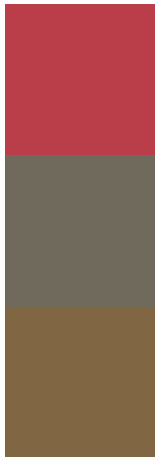


This preview shows how white text looks on a background with the Hex color BA3E49.

# 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**  
BA3E49

**Protanopia**  
706A5C

**Deuteranopia**  
816643



**Tritanopia**  
BA3F43

# Trichromacy



**Original Color**  
BA3E49

**Protanomaly**  
8B5A55

**Deuteranomaly**  
965745

**Tritanomaly**  
BA3F45

# Monochromacy



**Original Color**  
BA3E49

**Achromatopsia**  
646464

**Achromatomaly**  
83565A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA3E49 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 #BA3E49 looks like.

```
.text, #text, p{  
    color:#BA3E49  
}
```

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 #BA3E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA3E49
}
```

## Border

The CSS property to change the border of an element to Hex BA3E49 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
#BA3E49 }
```

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

```
.border{ border-color:#BA3E49 }
```

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

Here you see how a box with a 4 pixel #BA3E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA3E49; -webkit-box-shadow:4px 4px  
4px 4px #BA3E49; box-shadow:4px 4px 4px  
4px #BA3E49 }
```

# Background

The CSS property to change the background color of an element to Hex BA3E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA3E49 }
```

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

```
.background{ background-color:#BA3E49 }
```

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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