

# Converting Colors

Hex(BA4840)

Have a look what the booklet for  
Hex(BA4840) contains.

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**Color**

**Hex(BA4840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA4840
RGB	186, 72, 64
RGB Percent	73%, 28%, 25%
CMY	0.2706, 0.7176, 0.7490
CMYK	0.00, 0.61, 0.66, 0.27
HSL	4°, 49%, 49%
HSV	4°, 66%, 73%
XYZ	23.4925, 15.4440, 6.5933
YIQ	105.1740, 70.5120, 21.6800

# Conversions

## Conversions Part 2

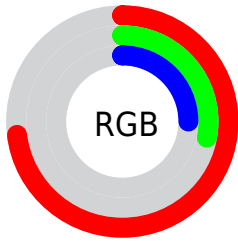
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">186, 73, 64</a>
Decimal	<a href="#">12208192</a>
CIELab	<a href="#">46.24, 45.53, 28.77</a>
CIElCh	<a href="#">46, 53.853, 32.288</a>
Yxy	<a href="#">15.4440, 0.5160, 0.3392</a>
Android (android.graphics.Color)	<a href="#">4290398272</a> (0xFFBA4840)
YUV	<a href="#">105.1740, -20.2988, 70.8844</a>
Hunter-Lab	<a href="#">39.2989, 37.9326, 17.5619</a>

# Details

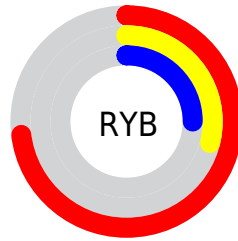
The Hex color **BA4840** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **40B2BA**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F77D70**, and **7F0D15** is the 20% darker color. If you saturate the color by 10%, you get **BA372D**, and if you desaturate by 10%, it is **BA5953**.

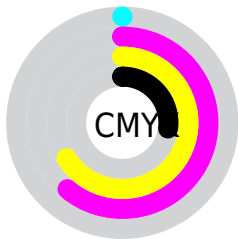
# Distribution



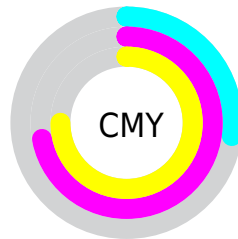
- Red (73%)
- Green (28%)
- Blue (25%)



- Red (73%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (61%)
- Yellow (66%)
- Black (27%)



- Cyan (27%)
- Magenta (72%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA4840 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 BA4840 by changing the saturation by 10% instead.



 BA4840

 BA4840

FFFFFF

 9C2D2A

 F77D70

 7F0D15

 FF988A

 620000

 FFB4A4

 450000

 FFD0BF

 2A0001

 FFEDDB

 000000

 FFFFF7

 BA4840

 BA4840

 BA372D

 BA5953

 BA251B

 BA6B65

 BA1408

 BA7C78

 BA0C00

 BA8E8A

 BA9F9D

 BAB0B0

 BAC2C2

 BAD3D5

 BAE4E7

# Harmonies

## Analogous

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



BD3F6C



BA4840



A45B19

# Triad

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



BA4840



007F41



0072C8

# Complementary

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



BA4840



40B2BA

# 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.



007DBD



BA4840



008270

# Square

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



BA4840



527916



00829D



7160BA

# Rectangle

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



BA4840



8D6700



00829D



0076C7



# Sweetspot

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



BA4840



F2C5C2



BA40B4



7A5F5D



FAFAFA



7A7A7A



# Same Dimension

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



BA4840



F23F33



BA8340



5C5353



9C0A00



1C0200



# Inverse Universe

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



40B2BA



33E6F2



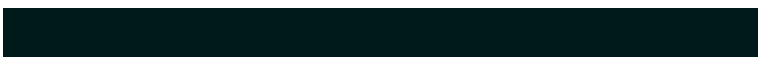
4077BA



535B5C



00919C

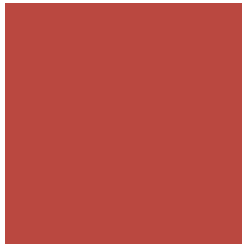


001A1C



# Previews

## White Background



This preview shows how the Hex color BA4840 looks on a white background.

## Color Contrast Check

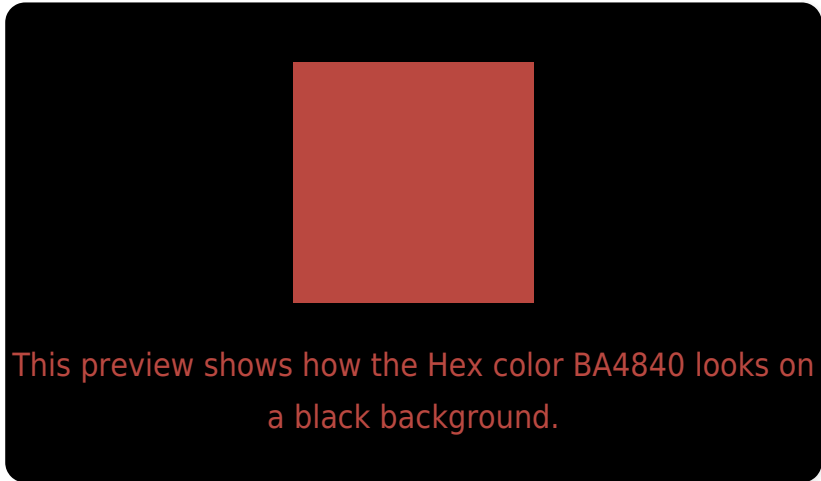
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA4840 Background



This preview shows how black text looks on a background with the Hex color BA4840.

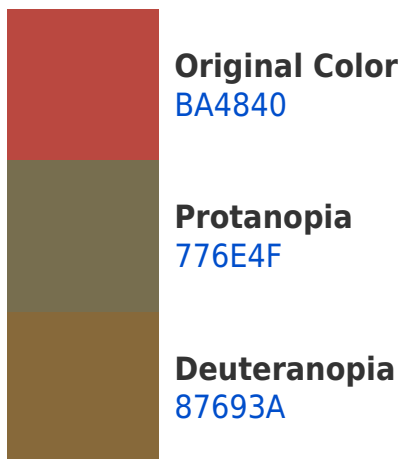



This preview shows how white text looks on a background with the Hex color BA4840.

# 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](#).

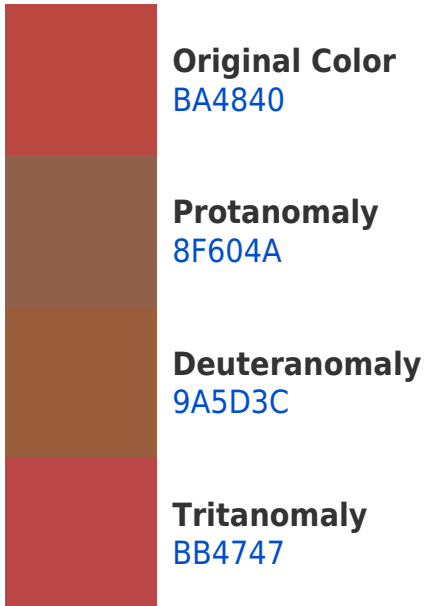
## Dichromacy



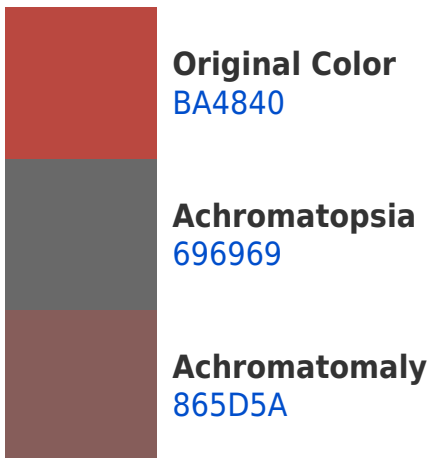


**Tritanopia**  
BB464B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA4840 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 #BA4840 looks like.

```
.text, #text, p{  
    color:#BA4840  
}
```

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 #BA4840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA4840
}
```

## Border

The CSS property to change the border of an element to Hex BA4840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

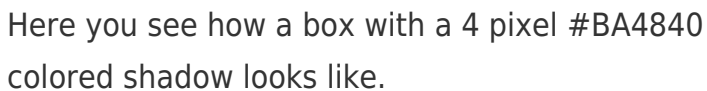
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA4840 }
```

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

```
.border{ border-color:#BA4840 }
```

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



Here you see how a box with a 4 pixel #BA4840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA4840; -webkit-box-shadow:4px 4px  
4px 4px #BA4840; box-shadow:4px 4px 4px  
4px #BA4840 }
```

# Background

The CSS property to change the background color of an element to Hex BA4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA4840 }
```

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

```
.background{ background-color:#BA4840 }
```

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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