

# Converting Colors

Hex(BA8039)

Have a look what the booklet for  
Hex(BA8039) contains.

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**Color**

**Hex(BA8039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA8039
RGB	186, 128, 57
RGB Percent	73%, 50%, 22%
CMY	0.2706, 0.4980, 0.7765
CMYK	0.00, 0.31, 0.69, 0.27
HSL	33°, 53%, 48%
HSV	33°, 69%, 73%
XYZ	28.7074, 26.1729, 7.4097
YIQ	137.2480, 57.3590, -9.7850

# Conversions

## Conversions Part 2

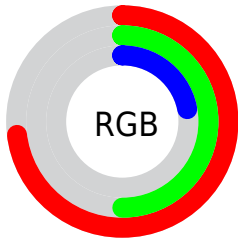
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 186, 57
Decimal	12222521
CIE <sub>Lab</sub>	58.20, 15.64, 46.28
CIE <sub>LCh</sub>	58, 48.850, 71.327
Yxy	26.1729, 0.4609, 0.4202
Android (android.graphics.Color)	4290412601 (0xFFBA8039)
YUV	137.2480, -39.5623, 42.7555
Hunter-Lab	51.1594, 10.6338, 27.2243

# Details

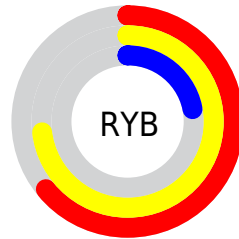
The Hex color **BA8039** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3973BA**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **F6B56B**, and **814F03** is the 20% darker color. If you saturate the color by 10%, you get **BA7826**, and if you desaturate by 10%, it is **BA884C**.

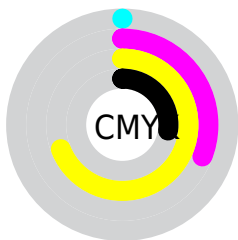
# Distribution



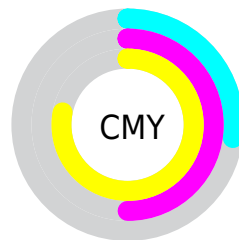
- Red (73%)
- Green (50%)
- Blue (22%)



- Red (64%)
- Yellow (73%)
- Blue (22%)



- Cyan (0%)
- Magenta (31%)
- Yellow (69%)
- Black (27%)



- Cyan (27%)
- Magenta (50%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA8039 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 BA8039 by changing the saturation by 10% instead.



 BA8039

 BA8039

FFFFFF

 9D6720

 F6B56B

 814F03

 FFD085

 653800

 FFEDA0

 492200

 FFFFBC

 2F0E00

 FFFFD8

 120000

 FFFFF5

 000000

 BA8039

 BA8039

 BA7826

 BA884C

 BA6F14

 BA915E

 BA6701

 BA9971

 BA6600

 BAA183

 BAAA96

 BAB2A9

 BABBBB

 BAC3CE

 BACBE0

# Harmonies

## Analogous

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



D37055



BA8039



958F33

# Triad

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



BA8039



00A19B



A47ACC

# Complementary

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



BA8039



3973BA

# 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.



5D8BE0



BA8039



009FC3

# Square

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



BA8039



129F6F



0098DC



CC6BA8

# Rectangle

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



BA8039



77963F



0098DC



9080D5



# Sweetspot

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



BA8039



F2DBBF



BA3973



7A6D5C



FAFAFA



7A7A7A



# Same Dimension

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



BA8039



F29829



B4BA39



5C5853



9C5600



1C0F00



# Inverse Universe

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



3973BA



2984F2



3F39BA



53575C



00469C

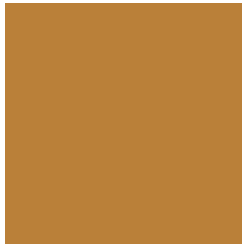


000D1C



# Previews

## White Background



This preview shows how the Hex color BA8039 looks on a white background.

## Color Contrast Check

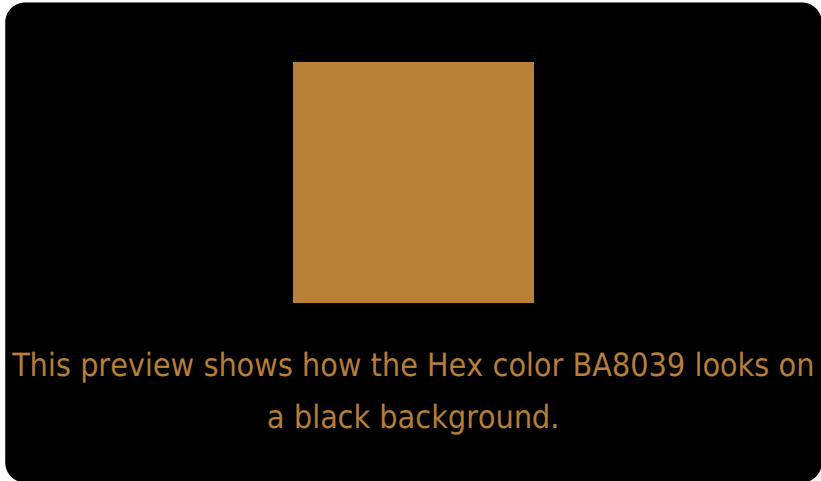
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BA8039 Background



This preview shows how black text looks on a background with the Hex color BA8039.



This preview shows how white text looks on a background with the Hex color BA8039.

# 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**  
BA8039

**Protanopia**  
9C8C3D

**Deuteranopia**  
AF8537

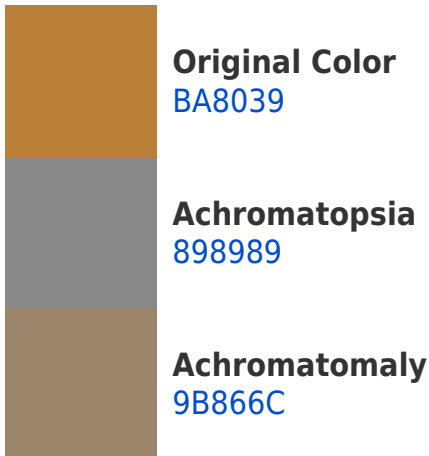


**Tritanopia**  
BF7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA8039 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 #BA8039 looks like.

```
.text, #text, p{  
    color:#BA8039  
}
```

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 #BA8039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA8039
}
```

## Border

The CSS property to change the border of an element to Hex BA8039 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
#BA8039 }
```

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

```
.border{ border-color:#BA8039 }
```

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

Here you see how a box with a 4 pixel #BA8039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA8039; -webkit-box-shadow:4px 4px  
4px 4px #BA8039; box-shadow:4px 4px 4px  
4px #BA8039 }
```

# Background

The CSS property to change the background color of an element to Hex BA8039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA8039 }
```

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

```
.background{ background-color:#BA8039 }
```

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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