

# Converting Colors

Hex(BA6046)

Have a look what the booklet for  
Hex(BA6046) contains.

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**Color**

**Hex(BA6046)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA6046
RGB	186, 96, 70
RGB Percent	73%, 38%, 27%
CMY	0.2706, 0.6235, 0.7255
CMYK	0.00, 0.48, 0.62, 0.27
HSL	13°, 46%, 50%
HSV	13°, 62%, 73%
XYZ	25.5381, 19.2470, 8.1634
YIQ	119.9460, 61.9860, 10.9940

# Conversions

## Conversions Part 2

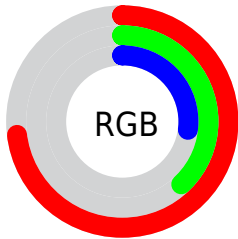
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 104, 70
Decimal	12214342
CIE <sub>Lab</sub>	50.97, 33.96, 31.14
CIE <sub>LCh</sub>	51, 46.073, 42.524
Yxy	19.2470, 0.4823, 0.3635
Android (android.graphics.Color)	4290404422 (0xFFBA6046)
YUV	119.9460, -24.6234, 57.9294
Hunter-Lab	43.8715, 27.1318, 19.6776

# Details

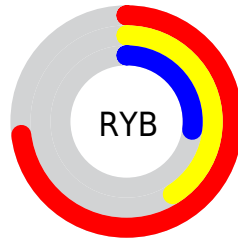
The Hex color **BA6046** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46A0BA**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F69477**, and **802F19** is the 20% darker color. If you saturate the color by 10%, you get **BA5233**, and if you desaturate by 10%, it is **BA6E59**.

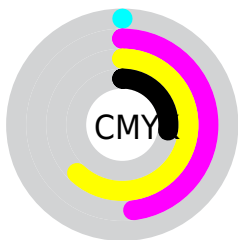
# Distribution



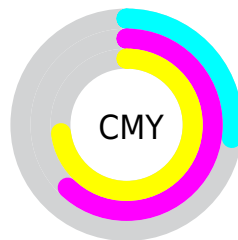
- Red (73%)
- Green (38%)
- Blue (27%)



- Red (73%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (62%)
- Black (27%)



- Cyan (27%)
- Magenta (62%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA6046 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 BA6046 by changing the saturation by 10% instead.



 BA6046

 BA6046

FFFFFF

 9D472F

 F69477

 802F19

 FFAF91

 641501

 FFCBAB

 480000

 FFE8C7

 2F0001

 FFFF E3

 000000

 BA6046

 BA6046

 BA5233

 BA6E59

 BA4321

 BA7D6B

 BA350E

 BA8B7E

 BA2A00

 BA9A90

 BAA8A3

 BAB7B6

 BAC5C8

 BAD3DB

 BAE2ED

# Harmonies

## Analogous

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



C2566A



BA6046



A26F2C

# Triad

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



BA6046



008B60



5078C6

# Complementary

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



BA6046



46A0BA

# 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.



0084C4



BA6046



008D89

# Square

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



BA6046



54863C



008BAE



9168B4

# Rectangle

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



BA6046



8C7825



008BAE



2B7DC8



# Sweetspot

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



BA6046



F2CFC4



BA46A1



7A655E



FAFAFA



7A7A7A



# Same Dimension

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



BA6046



F2653D



BA9946



5C5553



9C2300



1C0600



# Inverse Universe

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



46A0BA



3DCAF2



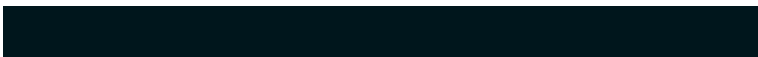
4667BA



535A5C



00799C



00161C



# Previews

## White Background



This preview shows how the Hex color BA6046 looks on a white background.

## Color Contrast Check

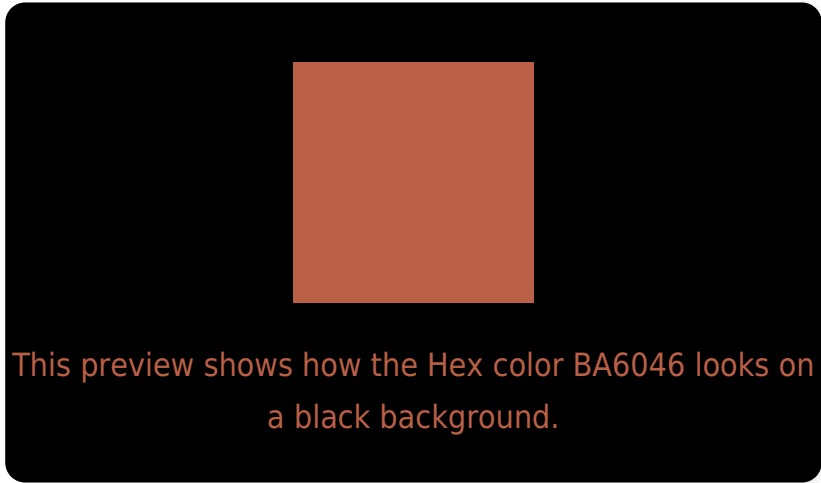
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA6046 Background



This preview shows how black text looks on a background with the Hex color BA6046.



This preview shows how white text looks on a background with the Hex color BA6046.

# 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**  
BC5C63

# Trichromacy



**Original Color**  
BA6046

**Protanomaly**  
98714C

**Deuteranomaly**  
A26D43

**Tritanomaly**  
BB5D58

# Monochromacy



**Original Color**  
BA6046

**Achromatopsia**  
787878

**Achromatomaly**  
906F66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA6046 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 #BA6046 looks like.

```
.text, #text, p{  
    color:#BA6046  
}
```

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 #BA6046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA6046
}
```

## Border

The CSS property to change the border of an element to Hex BA6046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

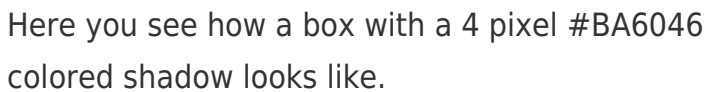
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA6046 }
```

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

```
.border{ border-color:#BA6046 }
```

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



Here you see how a box with a 4 pixel #BA6046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA6046; -webkit-box-shadow:4px 4px  
4px 4px #BA6046; box-shadow:4px 4px 4px  
4px #BA6046 }
```

# Background

The CSS property to change the background color of an element to Hex BA6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA6046 }
```

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

```
.background{ background-color:#BA6046 }
```

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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