

# Converting Colors

Hex(BA6C36)

Have a look what the booklet for  
Hex(BA6C36) contains.

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# Color

Hex(**BA6C36**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA6C36
RGB	186, 108, 54
RGB Percent	73%, 42%, 21%
CMY	0.2706, 0.5765, 0.7882
CMYK	0.00, 0.42, 0.71, 0.27
HSL	25°, 55%, 47%
HSV	25°, 71%, 73%
XYZ	26.2781, 21.4306, 6.2415
YIQ	125.1660, 63.8220, -0.2580

# Conversions

## Conversions Part 2

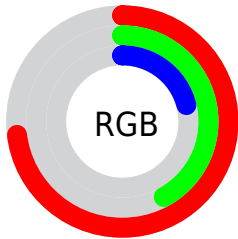
Format	Color
R <sub>Y</sub> B	186, 145, 54
Decimal	12217398
CIE Lab	53.42, 26.51, 42.57
CIE LCh	53, 50.152, 58.083
Yxy	21.4306, 0.4871, 0.3972
Android (android.graphics.Color)	4290407478 (0xFFBA6C36)
YUV	125.1660, -35.0848, 53.3514
Hunter-Lab	46.2932, 20.3117, 24.4114

# Details

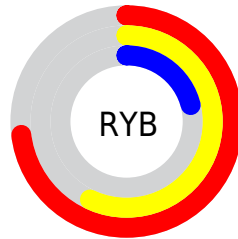
The Hex color **BA6C36** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3684BA**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F6A067**, and **803B04** is the 20% darker color. If you saturate the color by 10%, you get **BA6123**, and if you desaturate by 10%, it is **BA7749**.

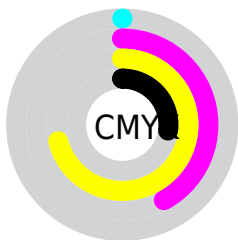
# Distribution



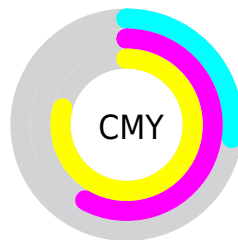
- Red (73%)
- Green (42%)
- Blue (21%)



- Red (73%)
- Yellow (57%)
- Blue (21%)



- Cyan (0%)
- Magenta (42%)
- Yellow (71%)
- Black (27%)



- Cyan (27%)
- Magenta (58%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA6C36 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 BA6C36 by changing the saturation by 10% instead.



 BA6C36

 BA6C36

FFFFFF

 9D531E

 F6A067

 803B04

 FFBB81

 642400

 FFD79B

 470D00

 FFF4B7

 2E0000

 FFFFD3

 000000

 FFFFEF

 BA6C36

 BA6C36

 BA6123

 BA7749

 BA5611

 BA825B

 BA4C00

 BA8D6E

 BA9880

 BAA393

 BAAEA6

 BAB9B8

 BAC4CB

 BACFDD

# Harmonies

## Analogous

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



CD5D59



BA6C36



997C22

# Triad

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



BA6C36



00947B



7C75CC

# Complementary

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



BA6C36



3684BA

# 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.



0085D6



BA6C36



0094A7

# Square

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



BA6C36



329150



008FC8



B163AE

# Rectangle

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



BA6C36



7E8526



008FC8



627BD2



# Sweetspot

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



BA6C36



F2D4BF



BA3685



7A685C



FAFAFA



7A7A7A



# Same Dimension

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



BA6C36



F27924



BAAD36



5C5653



9C4000



1C0B00



# Inverse Universe

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



3684BA



249EF2



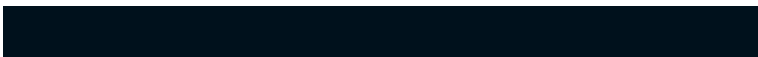
3643BA



53585C



005C9C

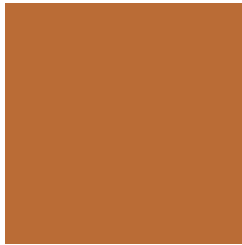


00111C



# Previews

## White Background



This preview shows how the Hex color BA6C36 looks on a white background.

## Color Contrast Check

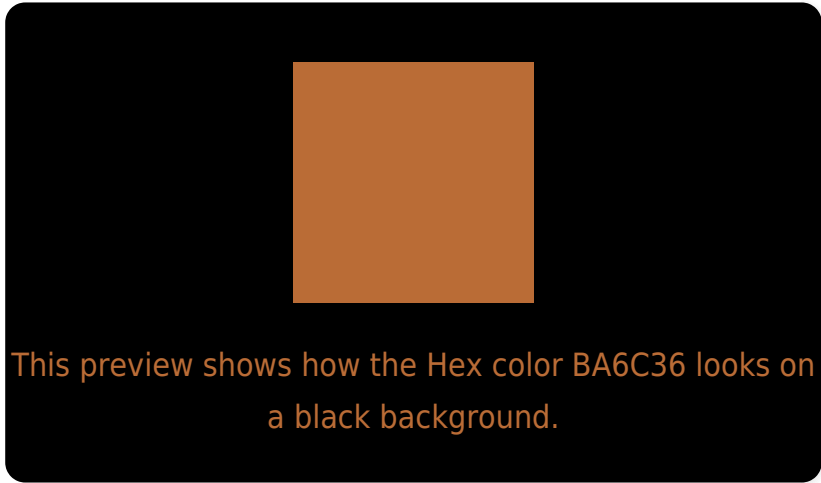
Large Text (above 18pt) WCAG AA ✓ Pass

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

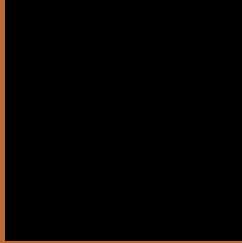
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA6C36 Background



This preview shows how black text looks on a background with the Hex color BA6C36.



This preview shows how white text looks on a background with the Hex color BA6C36.

# 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**  
BA6C36

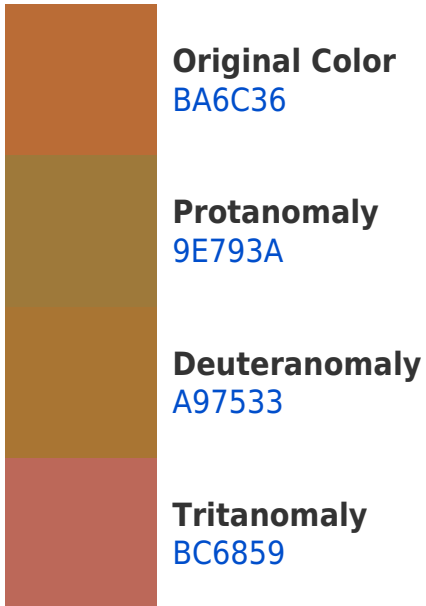
**Protanopia**  
8E803C

**Deuteranopia**  
9F7A32

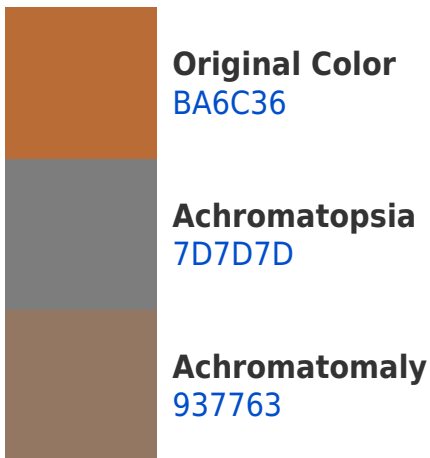


**Tritanopia**  
BD666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA6C36 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 #BA6C36 looks like.

```
.text, #text, p{  
    color:#BA6C36  
}
```

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 #BA6C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA6C36
}
```

## Border

The CSS property to change the border of an element to Hex BA6C36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

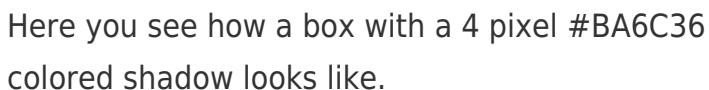
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA6C36 }
```

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

```
.border{ border-color:#BA6C36 }
```

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



Here you see how a box with a 4 pixel `#BA6C36` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA6C36; -webkit-box-shadow:4px 4px  
4px 4px #BA6C36; box-shadow:4px 4px 4px  
4px #BA6C36 }
```

# Background

The CSS property to change the background color of an element to Hex BA6C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA6C36 }
```

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

```
.background{ background-color:#BA6C36 }
```

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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