

# Converting Colors

Hex(BA6F47)

Have a look what the booklet for  
Hex(BA6F47) contains.

<b>Hex(BA6F47)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BA6F47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA6F47
RGB	186, 111, 71
RGB Percent	73%, 44%, 28%
CMY	0.2706, 0.5647, 0.7216
CMYK	0.00, 0.40, 0.62, 0.27
HSL	21°, 45%, 50%
HSV	21°, 62%, 73%
XYZ	27.0715, 22.2629, 8.8316
YIQ	128.8650, 57.5400, 3.4600

# Conversions

## Conversions Part 2

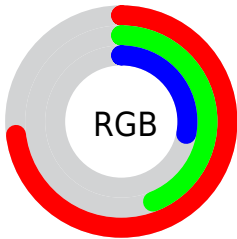
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 132, 71
Decimal	12218183
CIELab	54.30, 25.94, 34.64
CIELCh	54, 43.274, 53.178
Yxy	22.2629, 0.4654, 0.3827
Android (android.graphics.Color)	4290408263 (0xFFBA6F47)
YUV	128.8650, -28.5274, 50.1074
Hunter-Lab	47.1836, 19.8426, 21.9309

# Details

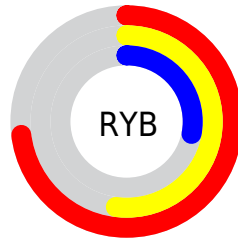
The Hex color **BA6F47** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4792BA**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F6A378**, and **803E19** is the 20% darker color. If you saturate the color by 10%, you get **BA6334**, and if you desaturate by 10%, it is **BA7B5A**.

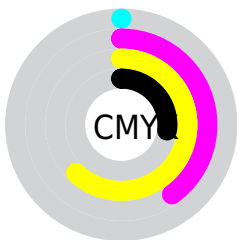
# Distribution



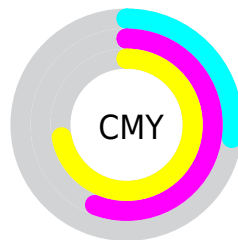
- Red (73%)
- Green (44%)
- Blue (28%)



- Red (73%)
- Yellow (52%)
- Blue (28%)



- Cyan (0%)
- Magenta (40%)
- Yellow (62%)
- Black (27%)



- Cyan (27%)
- Magenta (56%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA6F47 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 BA6F47 by changing the saturation by 10% instead.



 BA6F47

 BA6F47

FFFFFF

 9D5630

 F6A378

 803E19

 FFBF92

 652701

 FFDBAD

 491000

 FFF7C9

 2F0000

 FFFF E5

 040000

 000000

 BA6F47

 BA6F47

 BA6334

 BA7B5A

 BA5722

 BA876C

 BA4B0F

 BA937F

 BA4100

 BAA091

 BAACA4

 BAB8B7

 BAC4C9

 BAD0DC

 BADCEE

# Harmonies

## Analogous

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



C76467



BA6F47



9F7D35

# Triad

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



BA6F47



009478



767BC7

# Complementary

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



BA6F47



4792BA

# 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.



1888CC



BA6F47



00949E

# Square

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



BA6F47



4E9053



0091BD



A86DAF

# Rectangle

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



BA6F47



888536



0091BD



6080CB



# Sweetspot

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



BA6F47



F2D4C4



BA4794



7A685E



FAFAFA



7A7A7A



# Same Dimension

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



BA6F47



F27D3F



BAA747



5C5653



9C3600



1C0A00



# Inverse Universe

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



4792BA



3FB4F2



475ABA



53595C



00659C

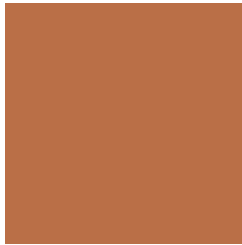


00121C



# Previews

## White Background



This preview shows how the Hex color BA6F47 looks on a white background.

## Color Contrast Check

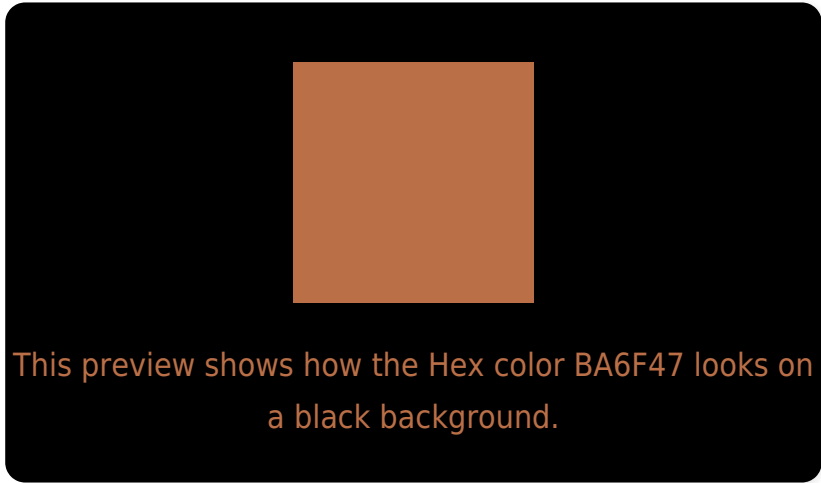
Large Text (above 18pt) WCAG AA ✓ Pass

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

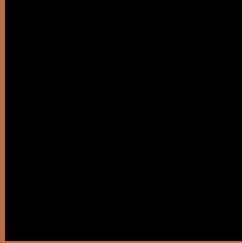
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA6F47 Background



This preview shows how black text looks on a background with the Hex color BA6F47.



This preview shows how white text looks on a background with the Hex color BA6F47.

# 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](#).

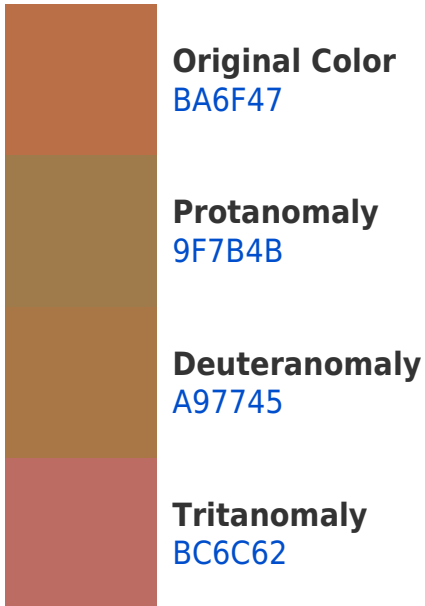
## Dichromacy





**Tritanopia**  
BD6A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA6F47 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 #BA6F47 looks like.

```
.text, #text, p{  
    color:#BA6F47  
}
```

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 #BA6F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA6F47  
}
```

## Border

The CSS property to change the border of an element to Hex BA6F47 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  
#BA6F47 }
```

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

```
.border{ border-color:#BA6F47 }
```

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

Here you see how a box with a 4 pixel #BA6F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA6F47; -webkit-box-shadow:4px 4px  
4px 4px #BA6F47; box-shadow:4px 4px 4px  
4px #BA6F47 }
```

# Background

The CSS property to change the background color of an element to Hex BA6F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA6F47 }
```

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

```
.background{ background-color:#BA6F47 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor