

# Converting Colors

Hex(B4715A)

Have a look what the booklet for  
Hex(B4715A) contains.

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**Color**

**Hex(B4715A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B4715A
RGB	180, 113, 90
RGB Percent	71%, 44%, 35%
CMY	0.2941, 0.5569, 0.6471
CMYK	0.00, 0.37, 0.50, 0.29
HSL	15°, 38%, 53%
HSV	15°, 50%, 71%
XYZ	26.5730, 22.2517, 12.5673
YIQ	130.4110, 47.3150, 7.0510

# Conversions

## Conversions Part 2

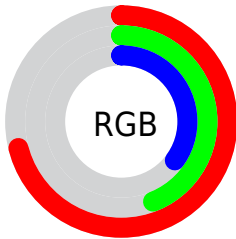
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 121, 90
Decimal	11825498
CIELab	54.29, 23.95, 23.82
CIElCh	54, 33.780, 44.836
Yxy	22.2517, 0.4328, 0.3625
Android (android.graphics.Color)	4290015578 (0xFFB4715A)
YUV	130.4110, -19.9226, 43.4896
Hunter-Lab	47.1717, 18.0028, 17.2244

# Details

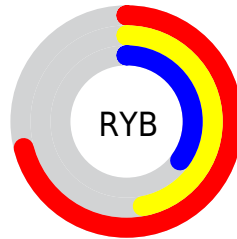
The Hex color **B4715A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5A9DB4**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **EEA58C**, and **7C402C** is the 20% darker color. If you saturate the color by 10%, you get **B46448**, and if you desaturate by 10%, it is **B47E6C**.

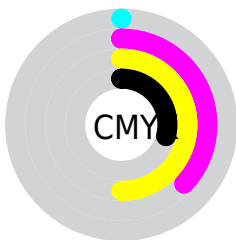
# Distribution



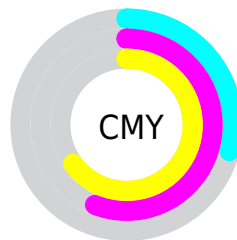
- Red (71%)
- Green (44%)
- Blue (35%)



- Red (71%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (50%)
- Black (29%)



- Cyan (29%)
- Magenta (56%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4715A 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 B4715A by changing the saturation by 10% instead.



 B4715A

 B4715A

FFFFFF

 985842

 EEA58C

 7C402C

 FFC1A7

 612917

 FFDDC2

 471200

 FFF9DE

 2E0000

 FFFFFB

 000000

 B4715A

 B4715A

 B46448

 B47E6C

 B45636

 B48C7E

 B44924

 B49990

 B43B12

 B4A7A2

 B42E00

 B4B4B4

 B4C1C6

 B4CFD8

 B4DCEA

 B4EAFC

# Harmonies

## Analogous

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



BA6B74



B4715A



A17B49

# Triad

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



B4715A



3E9072



6E80BA

# Complementary

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



B4715A



5A9DB4

# 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.



3789BA



B4715A



009190

# Square

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



B4715A



668C57



008FAA



9775AB

# Rectangle

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



B4715A



908247



008FAA



5E83BC



# Sweetspot

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



B4715A



EBD0C7



B45A9E



756660



F5F5F5



757575



# Same Dimension

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



B4715A



EB825E



B49E5A



595350



992700



1A0700



# Inverse Universe

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



5A9DB4



5EC7EB



5A71B4



505759



007299



00131A



# Previews

## White Background



This preview shows how the Hex color B4715A looks on a white background.

## Color Contrast Check

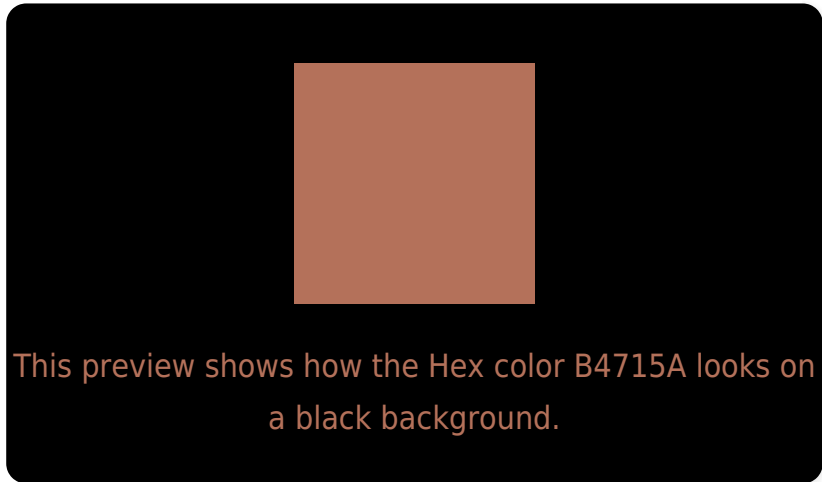
Large Text (above 18pt) WCAG AA ✓ Pass

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

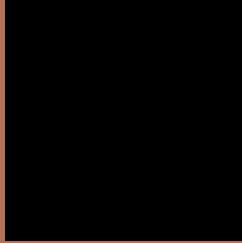
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B4715A Background



This preview shows how black text looks on a background with the Hex color B4715A.

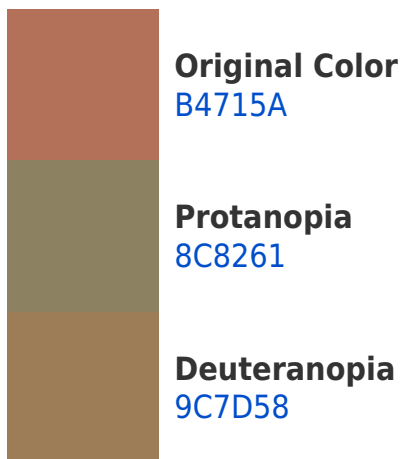


This preview shows how white text looks on a background with the Hex color B4715A.

# 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**  
B66D75

# Trichromacy



**Original Color**  
B4715A

**Protanomaly**  
9B7C5E

**Deuteranomaly**  
A57959

**Tritanomaly**  
B56E6B

# Monochromacy



**Original Color**  
B4715A

**Achromatopsia**  
828282

**Achromatomaly**  
947C73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4715A 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 #B4715A looks like.

```
.text, #text, p{  
    color:#B4715A  
}
```

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 #B4715A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4715A
}
```

## Border

The CSS property to change the border of an element to Hex B4715A 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
#B4715A }
```

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

```
.border{ border-color:#B4715A }
```

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

Here you see how a box with a 4 pixel #B4715A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4715A; -webkit-box-shadow:4px 4px  
4px 4px #B4715A; box-shadow:4px 4px 4px  
4px #B4715A }
```

# Background

The CSS property to change the background color of an element to Hex B4715A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4715A }
```

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

```
.background{ background-color:#B4715A }
```

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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