

# Converting Colors

Hex(B0714B)

Have a look what the booklet for  
Hex(B0714B) contains.

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**Color**

**Hex(B0714B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0714B
RGB	176, 113, 75
RGB Percent	69%, 44%, 29%
CMY	0.3098, 0.5569, 0.7059
CMYK	0.00, 0.36, 0.57, 0.31
HSL	23°, 40%, 49%
HSV	23°, 57%, 69%
XYZ	25.0796, 21.5484, 9.4940
YIQ	127.5050, 49.7460, 1.5380

# Conversions

## Conversions Part 2

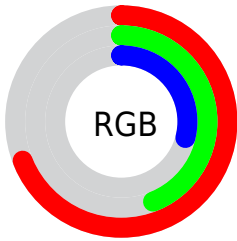
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 136, 75
Decimal	11563339
CIELab	53.54, 20.94, 31.22
CIELCh	54, 37.589, 56.149
Yxy	21.5484, 0.4469, 0.3840
Android (android.graphics.Color)	4289753419 (0xFFB0714B)
YUV	127.5050, -25.8850, 42.5301
Hunter-Lab	46.4202, 15.2035, 20.3680

# Details

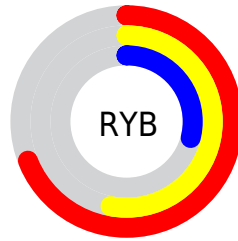
The Hex color **B0714B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4B8AB0**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **EAA57D**, and **78401D** is the 20% darker color. If you saturate the color by 10%, you get **B06639**, and if you desaturate by 10%, it is **B07C5D**.

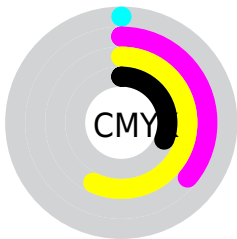
# Distribution



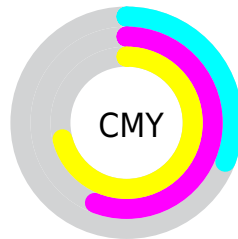
- Red (69%)
- Green (44%)
- Blue (29%)



- Red (69%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (57%)
- Black (31%)



- Cyan (31%)
- Magenta (56%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0714B 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 B0714B by changing the saturation by 10% instead.



 B0714B

 B0714B

FFFFFF

 945834

 EAA57D

 78401D

 FFC097

 5D2A06

 FFDCB2

 421400

 FFF9CD

 290000

 FFFFEE9

 000000

 B0714B

 B0714B

 B06639

 B07C5D


 B05B28

 B0876E

 B05016

 B09280

 B04505

 B09D91

 B04200

 B0A8A3

 B0B3B5

 B0BEC6

 B0C9D8

 B0D4E9

# Harmonies

## Analogous

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



BD6865



B0714B



977D3E

# Triad

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



B0714B



0B907B



7C79BA

# Complementary

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



B0714B



4B8AB0

# 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.



4085C0



B0714B



00909B

# Square

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



B0714B



508D5B



008CB5



A46DA4

# Rectangle

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



B0714B



838440



008CB5



6B7DBE



# Sweetspot

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



B0714B



E6CDBE



B04B8B



73645C



F2F2F2



737373



# Same Dimension

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



B0714B



E68347



B0A34B



595450



993A00



1A0A00



# Inverse Universe

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



4B8AB0



47AAE6



4B58B0



505659



005F99

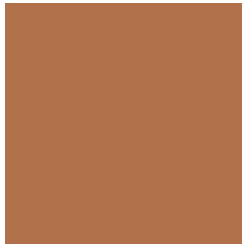


00101A



# Previews

## White Background



This preview shows how the Hex color B0714B looks on a white background.

## Color Contrast Check

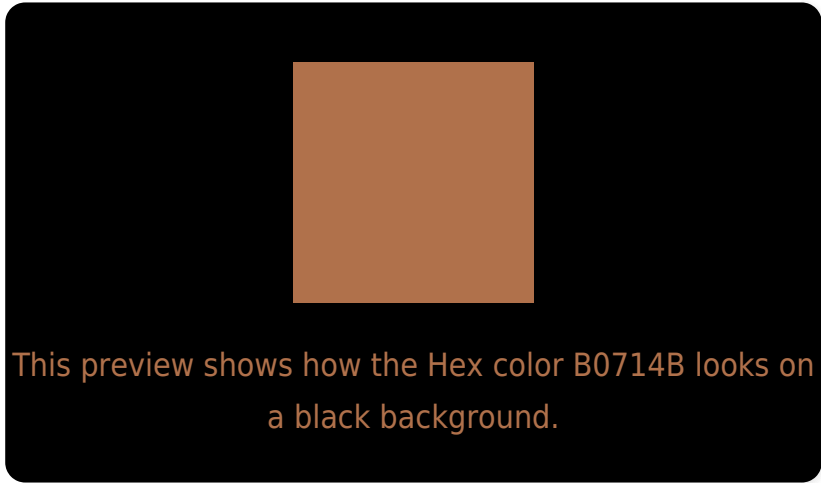
Large Text (above 18pt) WCAG AA ✓ Pass

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

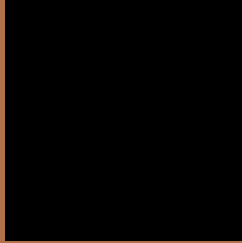
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B0714B Background



This preview shows how black text looks on a background with the Hex color B0714B.

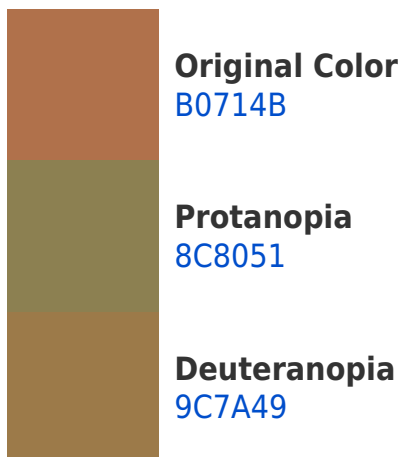



This preview shows how white text looks on a background with the Hex color B0714B.

# 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](#).

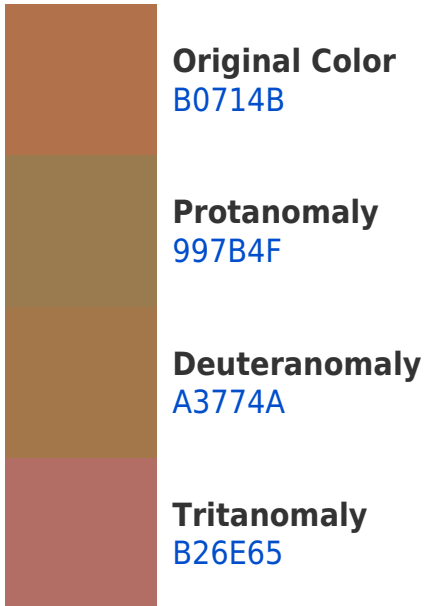
## Dichromacy



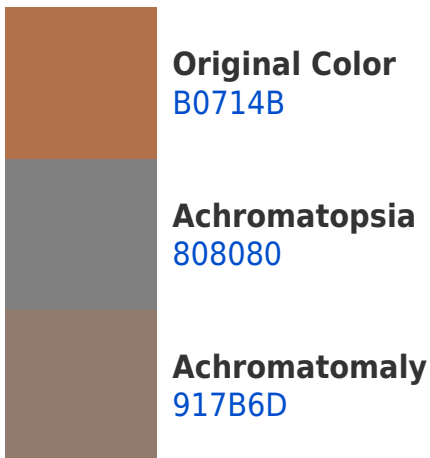


**Tritanopia**  
B36C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0714B 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 #B0714B looks like.

```
.text, #text, p{  
    color:#B0714B  
}
```

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 #B0714B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0714B
}
```

## Border

The CSS property to change the border of an element to Hex B0714B is called "border". The border property can be set on classes, ids or directly on the HTML element.

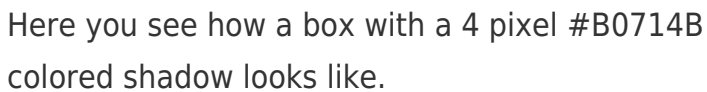
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0714B }
```

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

```
.border{ border-color:#B0714B }
```

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



Here you see how a box with a 4 pixel #B0714B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0714B; -webkit-box-shadow:4px 4px  
4px 4px #B0714B; box-shadow:4px 4px 4px  
4px #B0714B }
```

# Background

The CSS property to change the background color of an element to Hex B0714B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0714B }
```

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

```
.background{ background-color:#B0714B }
```

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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