

# Converting Colors

Hex(B4614B)

Have a look what the booklet for  
Hex(B4614B) contains.

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**Color**

**Hex(B4614B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B4614B</a>
RGB	<a href="#">180, 97, 75</a>
RGB Percent	<a href="#">71%, 38%, 29%</a>
CMY	<a href="#">0.2941, 0.6196, 0.7059</a>
CMYK	<a href="#">0.00, 0.46, 0.58, 0.29</a>
HSL	<a href="#">13°, 41%, 50%</a>
HSV	<a href="#">13°, 58%, 71%</a>
XYZ	<a href="#">24.3671, 18.7607, 8.9935</a>
YIQ	<a href="#">119.3090, 56.5300, 10.7540</a>

# Conversions

## Conversions Part 2

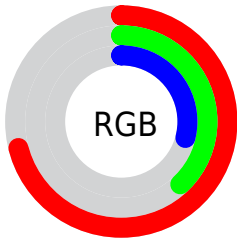
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 103, 75
Decimal	11821387
CIE <sub>Lab</sub>	50.41, 31.40, 27.39
CIE <sub>LCh</sub>	50, 41.669, 41.101
Yxy	18.7607, 0.4675, 0.3599
Android (android.graphics.Color)	4290011467 (0xFFB4614B)
YUV	119.3090, -21.8443, 53.2260
Hunter-Lab	43.3136, 24.6205, 18.0087

# Details

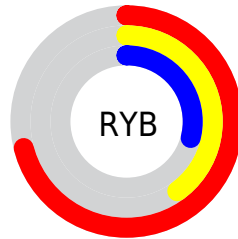
The Hex color **B4614B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4B9EB4**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **EF957C**, and **7B301E** is the 20% darker color. If you saturate the color by 10%, you get **B45339**, and if you desaturate by 10%, it is **B46F5D**.

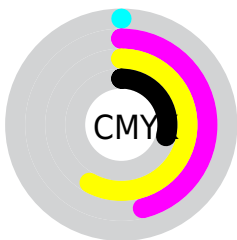
# Distribution



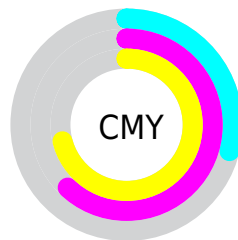
- Red (71%)
- Green (38%)
- Blue (29%)



- Red (71%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (46%)
- Yellow (58%)
- Black (29%)



- Cyan (29%)
- Magenta (62%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4614B 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 B4614B by changing the saturation by 10% instead.





B4614B



B4614B

FFFFFF



974834



EF957C



7B301E



FFB096



5F1808



FFCCB1



440000



FFE8CC



2C0001



FFFFE9



000000



B4614B



B4614B



B45339



B46F5D



B44527




B47D6F

 B43615

 B48C81

 B42803

 B49A93

 B42600

 B4A8A5

 B4B6B7

 B4C5C9

 B4D3DB

 B4E1ED

# Harmonies

## Analogous

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



BA596C



B4614B



9F6E34

# Triad

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



B4614B



1D8860



5277BE

# Complementary

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



B4614B



4B9EB4

# 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.



0082BB



B4614B



008A84

# Square

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



B4614B



598340



0088A6



8C69AE

# Rectangle

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



B4614B



8B762E



0088A6



357BBF



# Sweetspot

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



B4614B



EBC9C0



B44B9F



75615B



F5F5F5



757575



# Same Dimension

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



B4614B



EB6946



B4954B



595250



992000



1A0500



# Inverse Universe

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



4B9EB4



46C8EB



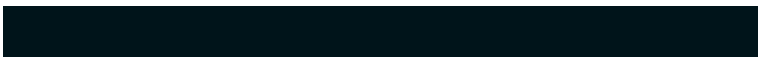
4B6AB4



505759



007999



00141A



# Previews

## White Background



This preview shows how the Hex color B4614B looks on a white background.

## Color Contrast Check

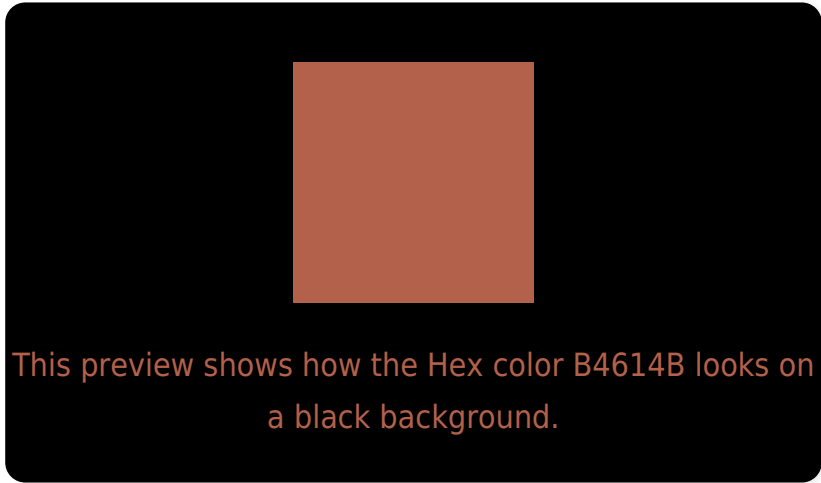
Large Text (above 18pt) WCAG AA ✓ Pass

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

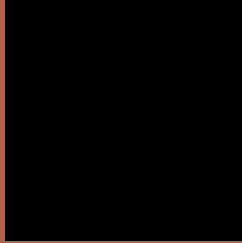
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B4614B Background



This preview shows how black text looks on a background with the Hex color B4614B.



This preview shows how white text looks on a background with the Hex color B4614B.

# 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**  
B65E64

# Trichromacy



**Original Color**  
B4614B

**Protanomaly**  
947051

**Deuteranomaly**  
9E6C49

**Tritanomaly**  
B55F5B

# Monochromacy



**Original Color**  
B4614B

**Achromatopsia**  
777777

**Achromatomaly**  
8D6F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4614B 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 #B4614B looks like.

```
.text, #text, p{  
    color:#B4614B  
}
```

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 #B4614B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4614B
}
```

## Border

The CSS property to change the border of an element to Hex B4614B 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
#B4614B }
```

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

```
.border{ border-color:#B4614B }
```

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

Here you see how a box with a 4 pixel #B4614B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4614B; -webkit-box-shadow:4px 4px  
4px 4px #B4614B; box-shadow:4px 4px 4px  
4px #B4614B }
```

# Background

The CSS property to change the background color of an element to Hex B4614B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4614B }
```

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

```
.background{ background-color:#B4614B }
```

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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