

# Converting Colors

Hex(B9643B)

Have a look what the booklet for  
Hex(B9643B) contains.

|                                                |    |
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**Color**

**Hex(B9643B)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B9643B                    |
| RGB         | 185, 100, 59              |
| RGB Percent | 73%, 39%, 23%             |
| CMY         | 0.2745, 0.6078, 0.7686    |
| CMYK        | 0.00, 0.46, 0.68, 0.27    |
| HSL         | 20°, 52%, 48%             |
| HSV         | 20°, 68%, 73%             |
| XYZ         | 25.3542, 19.7444, 6.6124  |
| YIQ         | 120.7410, 63.8210, 5.2690 |

# Conversions

## Conversions Part 2

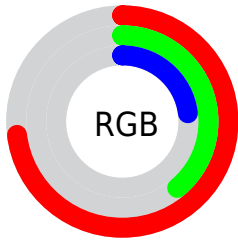
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 185, 120, 59                   |
| Decimal                             | 12149819                       |
| CIELab                              | 51.55, 30.71, 37.85            |
| CIELCh                              | 52, 48.742, 50.939             |
| Yxy                                 | 19.7444, 0.4903,<br>0.3818     |
| Android<br>(android.graphics.Color) | 4290339899<br>(0xFFB9643B)     |
| YUV                                 | 120.7410, -30.4383,<br>56.3551 |
| Hunter-Lab                          | 44.4347, 24.0904,<br>22.2812   |

# Details

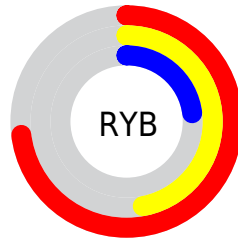
The Hex color **B9643B** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3B90B9**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F5986C**, and **7F330D** is the 20% darker color. If you saturate the color by 10%, you get **B95829**, and if you desaturate by 10%, it is **B9704E**.

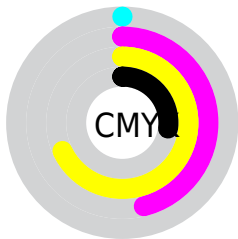
# Distribution



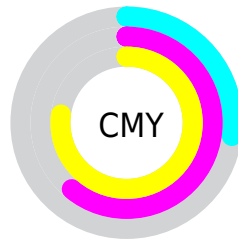
- Red (73%)
- Green (39%)
- Blue (23%)



- Red (73%)
- Yellow (47%)
- Blue (23%)



- Cyan (0%)
- Magenta (46%)
- Yellow (68%)
- Black (27%)



- Cyan (27%)
- Magenta (61%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9643B 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 B9643B by changing the saturation by 10% instead.



 B9643B

 B9643B

FFFFFF

 9C4B24

 F5986C

 7F330D

 FF385

 631B00

 FFCFA0

 460200

 FFE8BB

 2E0001

 FFFFD7

 000000

 FFFFF4

 B9643B

 B9643B

 B95829

 B9704E

 B94B16

 B97D60

 B93F04

 B98973

 B93C00

 B99685

 B9A298

 B9AFAA

 B9BBBD

 B9C8CF

 B9D4E2

# Harmonies

## Analogous

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



C7575F



B9643B



9C7423

# Triad

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



B9643B



008E6C



6675C9

# Complementary

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



B9643B



3B90B9

# 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.



0083CD



B9643B



008F97

# Square

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



B9643B



428A44



008CBB



A163B0

# Rectangle

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



B9643B



837E22



008CBB



477ACD



# Sweetspot

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



B9643B



F0CFC0



B93B91



78645B



F7F7F7



787878



# Same Dimension

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



B9643B



F06B2B



B9A23B



5C5653



9C3300



1C0900



# Inverse Universe

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



3B90B9



2BB0F0



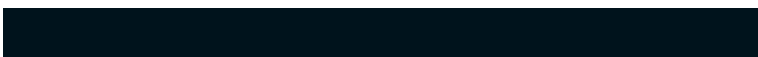
3B52B9



53595C



00699C

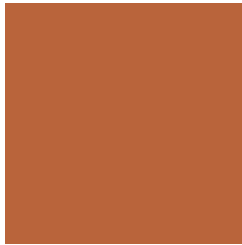


00131C



# Previews

## White Background



This preview shows how the Hex color B9643B looks on a white background.

## Color Contrast Check

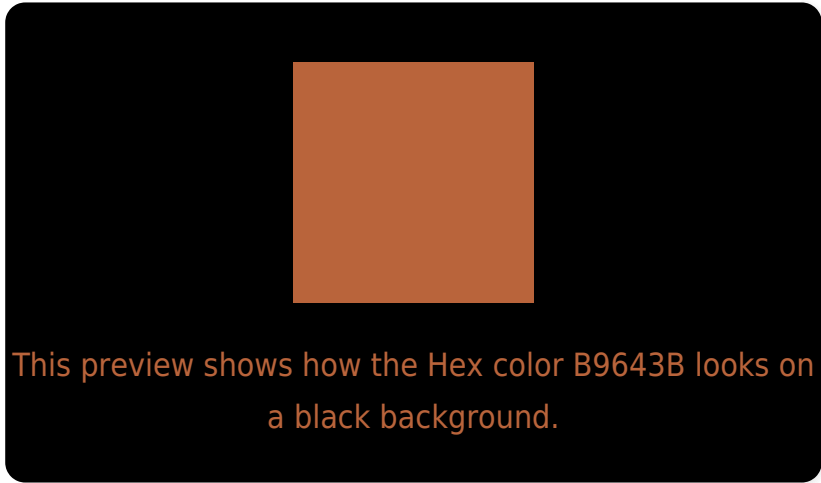
Large Text (above 18pt) WCAG AA ✓ Pass

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

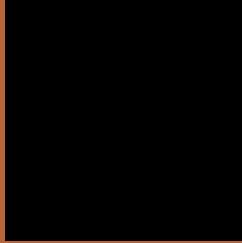
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B9643B Background



This preview shows how black text looks on a background with the Hex color B9643B.



This preview shows how white text looks on a background with the Hex color B9643B.

# 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](#).

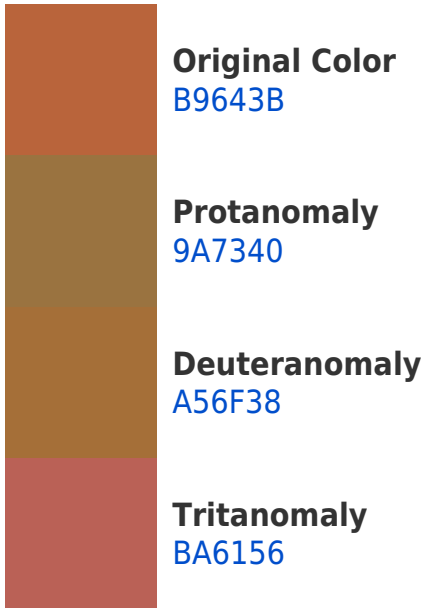
## Dichromacy





**Tritanopia**  
BB5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9643B 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 #B9643B looks like.

```
.text, #text, p{  
    color:#B9643B  
}
```

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 #B9643B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9643B
}
```

## Border

The CSS property to change the border of an element to Hex B9643B 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
#B9643B }
```

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

```
.border{ border-color:#B9643B }
```

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

Here you see how a box with a 4 pixel #B9643B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9643B; -webkit-box-shadow:4px 4px  
4px 4px #B9643B; box-shadow:4px 4px 4px  
4px #B9643B }
```

# Background

The CSS property to change the background color of an element to Hex B9643B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9643B }
```

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

```
.background{ background-color:#B9643B }
```

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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