

# Converting Colors

Hex(B94B57)

Have a look what the booklet for  
Hex(B94B57) contains.

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# Color

**Hex(B94B57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B94B57
RGB	185, 75, 87
RGB Percent	73%, 29%, 34%
CMY	0.2745, 0.7059, 0.6588
CMYK	0.00, 0.59, 0.53, 0.27
HSL	353°, 44%, 51%
HSV	353°, 59%, 73%
XYZ	24.2440, 16.0346, 10.8340
YIQ	109.2580, 61.7080, 27.0520

# Conversions

## Conversions Part 2

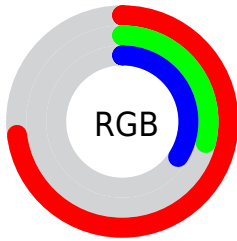
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 75, 87
Decimal	12143447
CIE <sub>Lab</sub>	47.02, 45.46, 15.98
CIE <sub>LCh</sub>	47, 48.186, 19.365
Yxy	16.0346, 0.4743, 0.3137
Android (android.graphics.Color)	4290333527 (0xFFB94B57)
YUV	109.2580, -10.9732, 66.4257
Hunter-Lab	40.0432, 37.9964, 11.9888

# Details

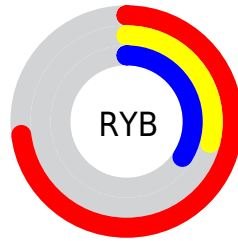
The Hex color **B94B57** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4BB9AD**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **F58089**, and **7F122A** is the 20% darker color. If you saturate the color by 10%, you get **B93947**, and if you desaturate by 10%, it is **B95E67**.

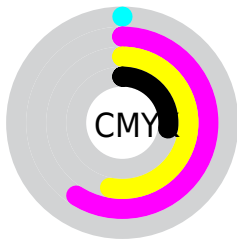
# Distribution



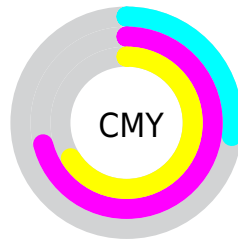
- Red (73%)
- Green (29%)
- Blue (34%)



- Red (73%)
- Yellow (29%)
- Blue (34%)



- Cyan (0%)
- Magenta (59%)
- Yellow (53%)
- Black (27%)



- Cyan (27%)
- Magenta (71%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B94B57 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 B94B57 by changing the saturation by 10% instead.



 B94B57

 B94B57

FFFFFF

 9C3040

 F58089

 7F122A

 FF9BA3

 620016

 FFB7BE

 470000

 FFD3DA

 2D0001

 FFF0F6

 000000

 B94B57

 B94B57

 B93947

 B95E67

 B92636

 B97078

 B91426

 B98388

 B90115

 B99599

 B90014

 B9A8A9

 B9BABA

 B9CDCA

 B9DFDB

 B9F2EB

# Harmonies

## Analogous

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



B24B80



B94B57



AC5833

# Triad

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



B94B57



3A7E38



0078BF

# Complementary

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



B94B57



4BB9AD

# 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.



0080AC



B94B57



00825F

# Square

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



B94B57



6B751B



008389



556BBC

# Rectangle

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



B94B57



9B6320



008389



007BBB



# Sweetspot

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



B94B57



F0C5C9



AC4BB9



785D60



F7F7F7



787878



# Same Dimension

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



B94B57



F04658



B9754B



5C5354



9C0011



1C0003



# Inverse Universe

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



B94B57



F04658



4B8FB9



5C5354



9C0011



1C0003



# Previews

## White Background



This preview shows how the Hex color B94B57 looks on a white background.

## Color Contrast Check

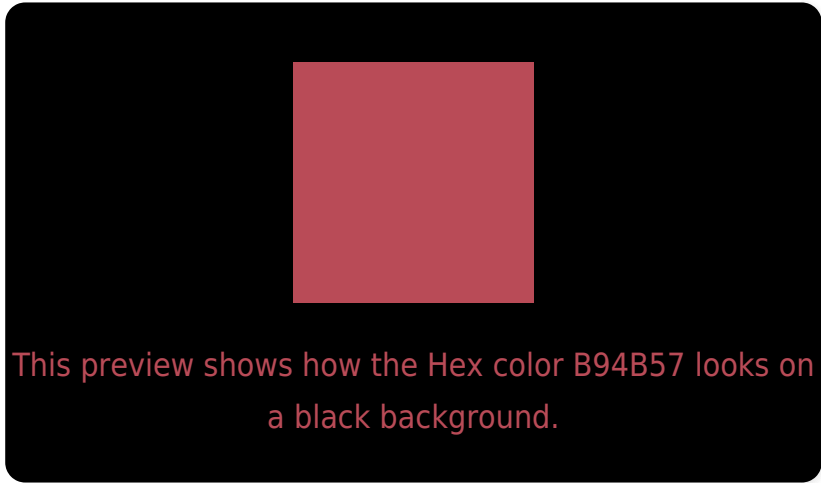
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex B94B57 Background



This preview shows how black text looks on a background with the Hex color B94B57.



This preview shows how white text looks on a background with the Hex color B94B57.

# 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



**Original Color**  
B94B57

**Protanopia**  
747069

**Deuteranopia**  
856B52



**Tritanopia**  
B94C51

# Trichromacy



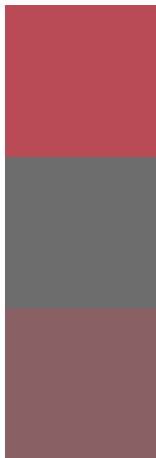
**Original Color**  
B94B57

**Protanomaly**  
8D6362

**Deuteranomaly**  
985F54

**Tritanomaly**  
B94C53

# Monochromacy



**Original Color**  
B94B57

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
896165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B94B57 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 #B94B57 looks like.

```
.text, #text, p{  
    color:#B94B57  
}
```

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 #B94B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B94B57
}
```

## Border

The CSS property to change the border of an element to Hex B94B57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

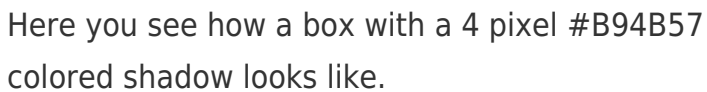
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B94B57 }
```

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

```
.border{ border-color:#B94B57 }
```

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



Here you see how a box with a 4 pixel #B94B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B94B57; -webkit-box-shadow:4px 4px  
4px 4px #B94B57; box-shadow:4px 4px 4px  
4px #B94B57 }
```

# Background

The CSS property to change the background color of an element to Hex B94B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B94B57 }
```

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

```
.background{ background-color:#B94B57 }
```

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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