

# Converting Colors

Hex(B94646)

Have a look what the booklet for  
Hex(B94646) contains.

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**Color**

**Hex(B94646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B94646
RGB	185, 70, 70
RGB Percent	73%, 27%, 27%
CMY	0.2745, 0.7255, 0.7255
CMYK	0.00, 0.62, 0.62, 0.27
HSL	0°, 45%, 50%
HSV	0°, 62%, 73%
XYZ	23.3032, 15.1368, 7.4878
YIQ	104.3850, 68.5400, 24.3800

# Conversions

## Conversions Part 2

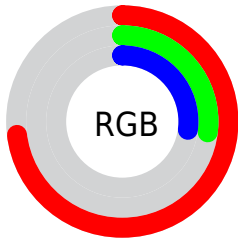
Format	Color
R <sub>Y</sub> B	185, 70, 70
Decimal	12142150
CIE Lab	45.82, 46.47, 24.65
CIE LCh	46, 52.603, 27.941
Yxy	15.1368, 0.5074, 0.3296
Android (android.graphics.Color)	4290332230 (0xFFB94646)
YUV	104.3850, -16.9518, 70.6994
Hunter-Lab	38.9060, 38.8291, 15.8233

# Details

The Hex color **B94646** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **46B9B9**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F67B76**, and **7E091B** is the 20% darker color. If you saturate the color by 10%, you get **B93434**, and if you desaturate by 10%, it is **B95959**.

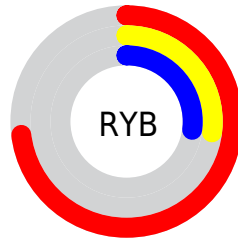
# Distribution



Red (73%)

Green (27%)

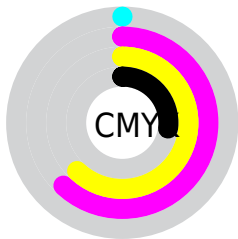
Blue (27%)



Red (73%)

Yellow (27%)

Blue (27%)

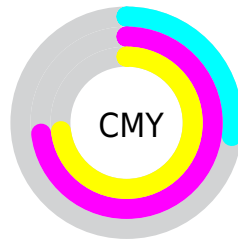


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B94646 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 B94646 by changing the saturation by 10% instead.



 B94646

 B94646

FFFFFF

 9B2B30

 F67B76

 7E091B

 FF9690

 610001

 FFB2AB

 440000

 FFCEC6

 290001

 FFEBE2

 000000

 B94646

 B94646

 B93434

 B95959

 B92121

 B96B6B

 B90E0E

 B97E7E

 B90000

 B99090

 B9A3A3

 B9B5B5

 B9C8C8

 B9DADA

 B9EDED

# Harmonies

## Analogous

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



B84071



B94646



A65820

# Triad

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



B94646



0B7D3B



0073C5

# Complementary

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



B94646



46B9B9

# 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.



007DB7



B94646



008168

# Square

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



B94646



597613



008195



6662BB

# Rectangle

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



B94646



916408



008195



0077C3



# Sweetspot

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



B94646



F0C2C2



B946B9



785C5C



F7F7F7



787878



# Same Dimension

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



B94646



F03C3C



B98046



5C5353



9C0000



1C0000



# Inverse Universe

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



46B9B9



3CF0F0



4680B9



535C5C



009C9C



001C1C



# Previews

## White Background



This preview shows how the Hex color B94646 looks on a white background.

## Color Contrast Check

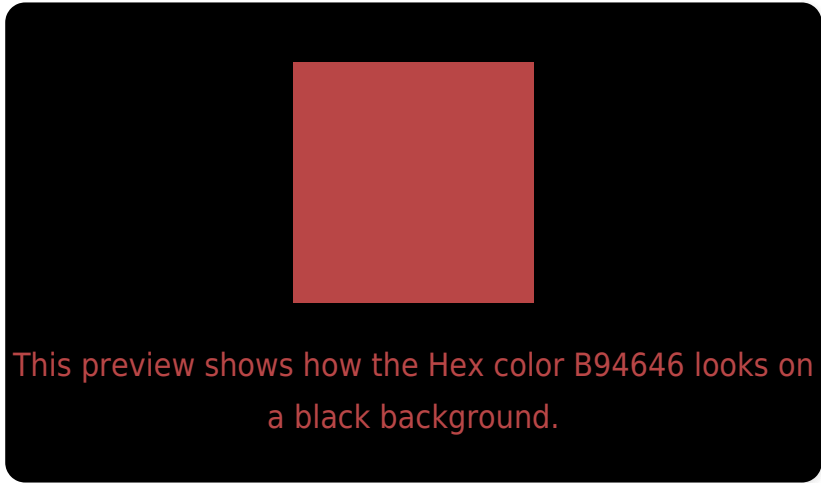
Large Text (above 18pt) WCAG AA ✓ Pass

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 B94646 Background



This preview shows how black text looks on a background with the Hex color B94646.



This preview shows how white text looks on a background with the Hex color B94646.

# 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**  
B94646

**Protanopia**  
746D56

**Deuteranopia**  
856840



**Tritanopia**  
B9454A

# Trichromacy



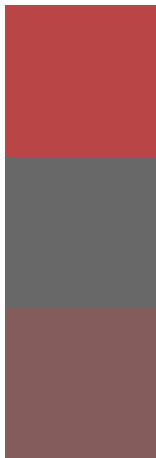
**Original Color**  
B94646

**Protanomaly**  
8D5F50

**Deuteranomaly**  
985C42

**Tritanomaly**  
B94549

# Monochromacy



**Original Color**  
B94646

**Achromatopsia**  
686868

**Achromatomaly**  
855C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B94646 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 #B94646 looks like.

```
.text, #text, p{  
    color:#B94646  
}
```

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 #B94646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B94646
}
```

## Border

The CSS property to change the border of an element to Hex B94646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

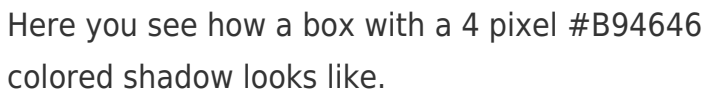
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B94646 }
```

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

```
.border{ border-color:#B94646 }
```

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



Here you see how a box with a 4 pixel #B94646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B94646; -webkit-box-shadow:4px 4px  
4px 4px #B94646; box-shadow:4px 4px 4px  
4px #B94646 }
```

# Background

The CSS property to change the background color of an element to Hex B94646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B94646 }
```

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

```
.background{ background-color:#B94646 }
```

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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