

# Converting Colors

Hex(B94862)

Have a look what the booklet for  
Hex(B94862) contains.

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**Color**

**Hex(B94862)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B94862</a>
RGB	<a href="#">185, 72, 98</a>
RGB Percent	<a href="#">73%, 28%, 38%</a>
CMY	<a href="#">0.2745, 0.7176, 0.6157</a>
CMYK	<a href="#">0.00, 0.61, 0.47, 0.27</a>
HSL	<a href="#">346°, 45%, 50%</a>
HSV	<a href="#">346°, 61%, 73%</a>
XYZ	<a href="#">24.5296, 15.8309, 13.3181</a>
YIQ	<a href="#">108.7510, 59.0020, 32.0420</a>

# Conversions

## Conversions Part 2

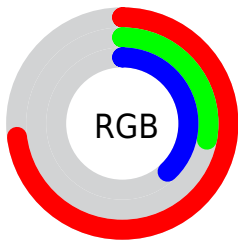
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 72, 98
Decimal	12142690
CIELab	46.75, 47.86, 8.91
CIELCh	47, 48.678, 10.551
Yxy	15.8309, 0.4570, 0.2949
Android (android.graphics.Color)	4290332770 (0xFFB94862)
YUV	108.7510, -5.3002, 66.8704
Hunter-Lab	39.7880, 40.4173, 8.0057

# Details

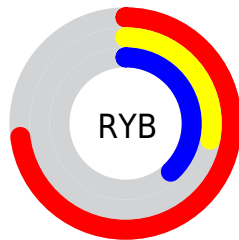
The Hex color **B94862** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **48B99F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **F57D94**, and **7F0B34** is the 20% darker color. If you saturate the color by 10%, you get **B93654**, and if you desaturate by 10%, it is **B95A70**.

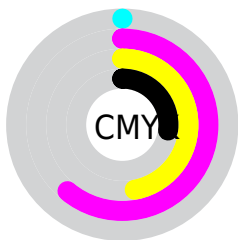
# Distribution



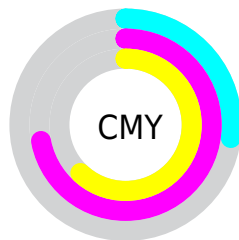
- Red (73%)
- Green (28%)
- Blue (38%)



- Red (73%)
- Yellow (28%)
- Blue (38%)



- Cyan (0%)
- Magenta (61%)
- Yellow (47%)
- Black (27%)



- Cyan (27%)
- Magenta (72%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B94862 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 B94862 by changing the saturation by 10% instead.



 B94862

 B94862

FFFFFF

 9C2D4A

 F57D94

 7F0B34

 FF99AF

 63001F

 FFB5CA

 480006

 FFD1E6

 2E0002

 FFEEFF

 000000

 B94862

 B94862

 B93654

 B95A70

 B92346

 B96D7E

 B91037

 B9808D

 B9002B

 B9929B

 B9A5A9

 B9B7B7

 B9CAC6

 B9DCD4

 B9EEE2

# Harmonies

## Analogous

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



AB4D8B



B94862



B2523C

# Triad

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



B94862



4A7B2C



007BBC

# Complementary

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



B94862



48B99F

# 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.



0081A3



B94862



008152

# Square

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



B94862



767114



00827D



356FBF

# Rectangle

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



B94862



A35D26



00827D



007DB6



# Sweetspot

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



B94862



F0C5CE



9F48B9



785D64



F7F7F7



787878



# Same Dimension

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



B94862



F04169



B96648



5C5355



9C0024



1C0006



# Inverse Universe

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



B94862



F04169



489BB9



5C5355



9C0024



1C0006



# Previews

## White Background



This preview shows how the Hex color B94862 looks on a white background.

## Color Contrast Check

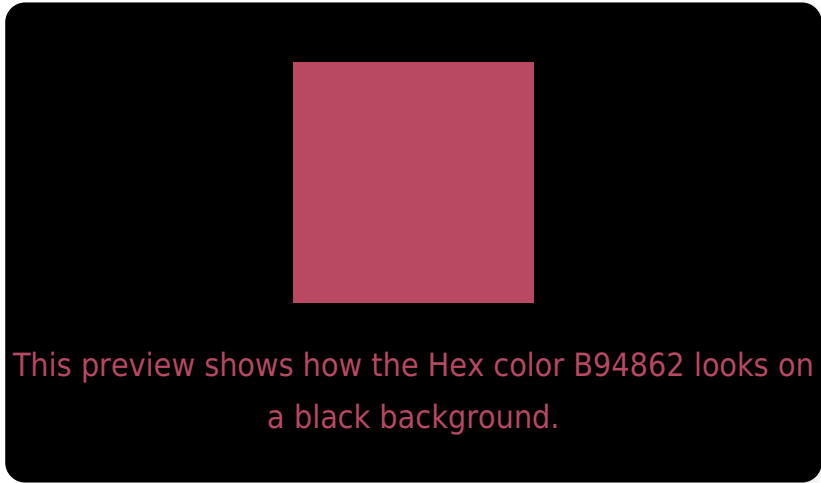
Large Text (above 18pt) WCAG AA ✓ Pass

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 B94862 Background



This preview shows how black text looks on a background with the Hex color B94862.



This preview shows how white text looks on a background with the Hex color B94862.

# 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**  
B94862

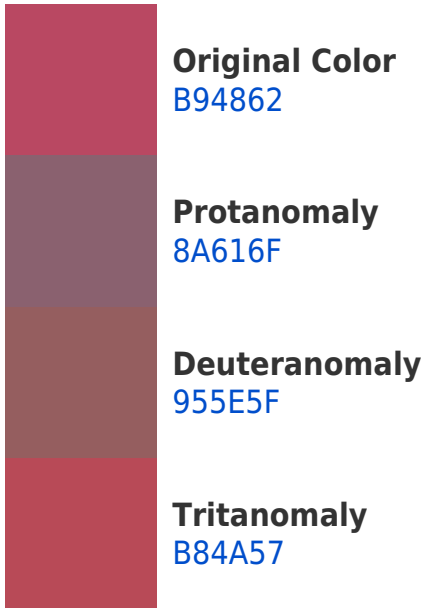
**Protanopia**  
6F6F77

**Deuteranopia**  
816B5D

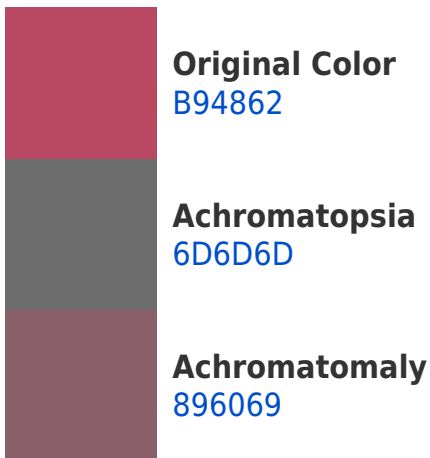


**Tritanopia**  
B84B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B94862 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 #B94862 looks like.

```
.text, #text, p{  
    color:#B94862  
}
```

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 #B94862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B94862
}
```

## Border

The CSS property to change the border of an element to Hex B94862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

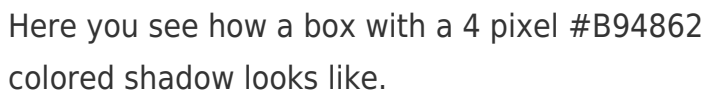
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B94862 }
```

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

```
.border{ border-color:#B94862 }
```

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



Here you see how a box with a 4 pixel #B94862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B94862; -webkit-box-shadow:4px 4px  
4px 4px #B94862; box-shadow:4px 4px 4px  
4px #B94862 }
```

# Background

The CSS property to change the background color of an element to Hex B94862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B94862 }
```

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

```
.background{ background-color:#B94862 }
```

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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