

# Converting Colors

Hex(B84871)

Have a look what the booklet for  
Hex(B84871) contains.

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**Color**

**Hex(B84871)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B84871
RGB	184, 72, 113
RGB Percent	72%, 28%, 44%
CMY	0.2784, 0.7176, 0.5569
CMYK	0.00, 0.61, 0.39, 0.28
HSL	338°, 44%, 50%
HSV	338°, 61%, 72%
XYZ	25.0652, 16.0173, 17.3934
YIQ	110.1620, 53.5910, 36.4950

# Conversions

## Conversions Part 2

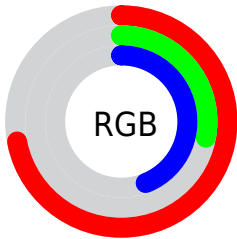
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 72, 113
Decimal	12077169
CIELab	47.00, 49.10, 0.10
CIElCh	47, 49.098, 0.113
Yxy	16.0173, 0.4286, 0.2739
Android (android.graphics.Color)	4290267249 (0xFFB84871)
YUV	110.1620, 1.3991, 64.7559
Hunter-Lab	40.0217, 41.7549, 2.2478

# Details

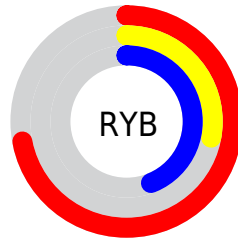
The Hex color **B84871** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **48B88F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F37EA5**, and **7F0A41** is the 20% darker color. If you saturate the color by 10%, you get **B83665**, and if you desaturate by 10%, it is **B85A7D**.

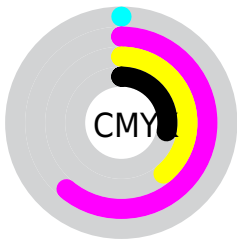
# Distribution



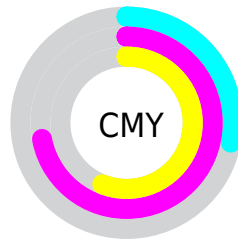
- Red (72%)
- Green (28%)
- Blue (44%)



- Red (72%)
- Yellow (28%)
- Blue (44%)



- Cyan (0%)
- Magenta (61%)
- Yellow (39%)
- Black (28%)



- Cyan (28%)
- Magenta (72%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B84871 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 B84871 by changing the saturation by 10% instead.



 B84871

 B84871

FFFFFF

 9B2C59

 F37EA5

 7F0A41

 FF99C0

 63002B

 FFB5DC

 480017

 FFD1F8

 2F0002

 FFEEFF

 000000

 B84871

 B84871

 B83665

 B85A7D

 B8235A

 B86D88

 B8114E

 B87F94

 B80043

 B892A0

 B8A4AB

 B8B6B7

 B8C9C3

 B8DBCE

 B8EEDA

# Harmonies

## Analogous

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



A15399



B84871



B84E48

# Triad

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



B84871



5B7921



007EB7

# Complementary

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



B84871



48B88F

# 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.



008398



B84871



188044

# Square

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



B84871



846D12



00836E



0074C2

# Rectangle

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



B84871



AC5831



00836E



0080AE



# Sweetspot

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



B84871



F0C5D4



8F48B8



785D67



F7F7F7



787878



# Same Dimension

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



B84871



F04181



B85748



5C5356



9C0039



1C000A



# Inverse Universe

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



B84871



F04181



48A9B8



5C5356



9C0039



1C000A



# Previews

## White Background



This preview shows how the Hex color B84871 looks on a white background.

## Color Contrast Check

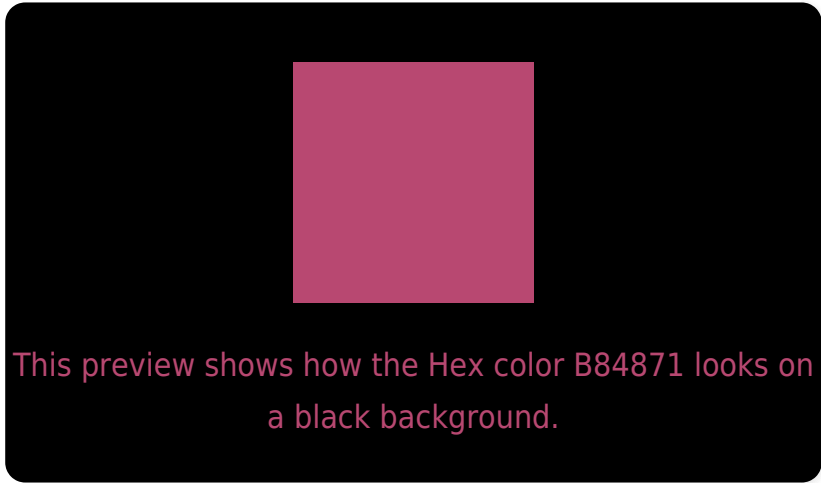
Large Text (above 18pt) WCAG AA ✓ Pass

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

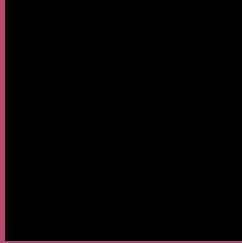
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B84871 Background



This preview shows how black text looks on a background with the Hex color B84871.

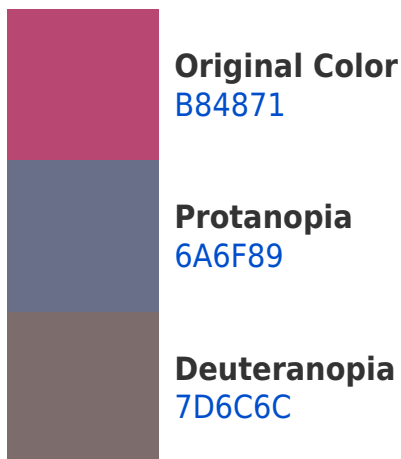


This preview shows how white text looks on a background with the Hex color B84871.

# 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](#).

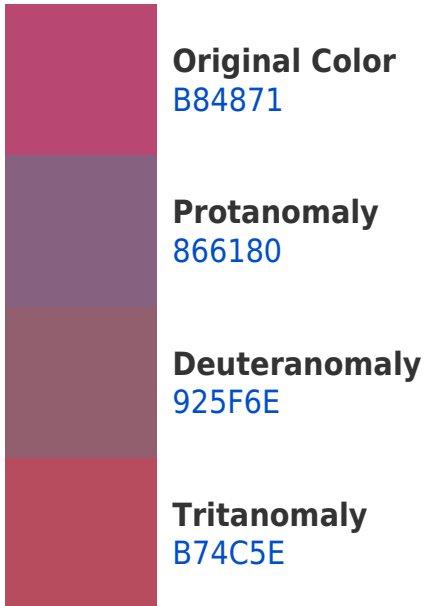
## Dichromacy





**Tritanopia**  
B64E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B84871 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 #B84871 looks like.

```
.text, #text, p{  
    color:#B84871  
}
```

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 #B84871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84871
}
```

## Border

The CSS property to change the border of an element to Hex B84871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

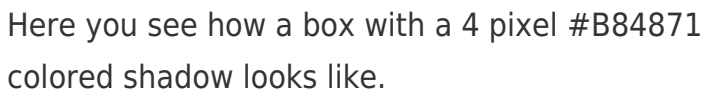
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B84871 }
```

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

```
.border{ border-color:#B84871 }
```

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



Here you see how a box with a 4 pixel #B84871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84871; -webkit-box-shadow:4px 4px  
4px 4px #B84871; box-shadow:4px 4px 4px  
4px #B84871 }
```

# Background

The CSS property to change the background color of an element to Hex B84871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84871 }
```

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

```
.background{ background-color:#B84871 }
```

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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