

# Converting Colors

Hex(854871)

Have a look what the booklet for  
Hex(854871) contains.

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# Color

**Hex(854871)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 854871                    |
| RGB           | 133, 72, 113              |
| RGB Percent   | 52%, 28%, 44%             |
| CMY           | 0.4784, 0.7176, 0.5569    |
| CMYK          | 0.00, 0.46, 0.15, 0.48    |
| HSL           | 320°, 30%, 40%            |
| HSV           | 320°, 46%, 52%            |
| XYZ           | 14.9709, 10.8135, 16.9210 |
| YIQ           | 94.9130, 23.1950, 25.6830 |

# Conversions

## Conversions Part 2

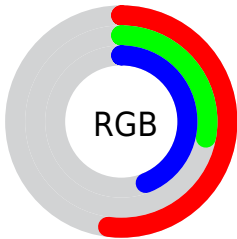
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 133, 72, 113                 |
| Decimal                             | 8734833                      |
| CIE <sub>Lab</sub>                  | 39.26, 31.82, -12.24         |
| CIE <sub>LCh</sub>                  | 39, 34.091, 338.953          |
| Yxy                                 | 10.8135, 0.3506,<br>0.2532   |
| Android<br>(android.graphics.Color) | 4286924913<br>(0xFF854871)   |
| YUV                                 | 94.9130, 8.9169,<br>33.4023  |
| Hunter-Lab                          | 32.8839, 23.7177,<br>-7.4899 |

# Details

The Hex color **854871** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **48855C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BB7AA5**, and **521841** is the 20% darker color. If you saturate the color by 10%, you get **853B6D**, and if you desaturate by 10%, it is **855575**.

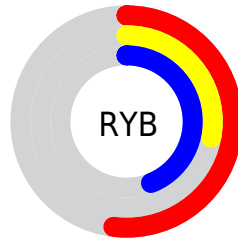
# Distribution



Red (52%)

Green (28%)

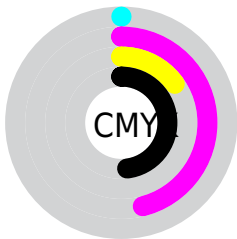
Blue (44%)



Red (52%)

Yellow (28%)

Blue (44%)

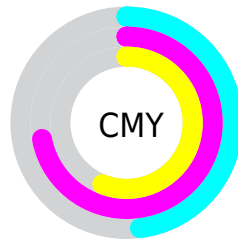


Cyan (0%)

Magenta (46%)

Yellow (15%)

Black (48%)



Cyan (48%)

Magenta (72%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 854871 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 854871 by changing the saturation by 10% instead.



 854871

 854871

FFFFFF

 6B3058

 BB7AA5

 521841

 D895C0

 39002B

 F5B0DC

 250017

 FFCBF8

 000000

 FFE8FF

 854871

 854871

 853B6D

 855575

 852D68

 85637A

852064

85707E

851360

857D82

85055B

858B87

850059

85988B

85A590

85B294

85C098

# Harmonies

## Analogous

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



695288



854871



904555

# Triad

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



854871



655E23



00697F

# Complementary

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



854871



48855C

# 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.



006A64



854871



476530

# Square

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



854871



7D5428



1C6948



006590

# Rectangle

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



854871



8F4743



1C6948



006A76



# Sweetspot

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



854871



AD95A5



5B4885



574852



D6D6D6



575757



# Same Dimension

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



854871



AD4E8E



854853



423C40



820057



030002



# Inverse Universe

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



854871



AD4E8E



48857A



423C40



820057

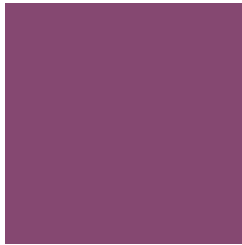


030002



# Previews

## White Background



This preview shows how the Hex color 854871 looks on a white background.

## Color Contrast Check

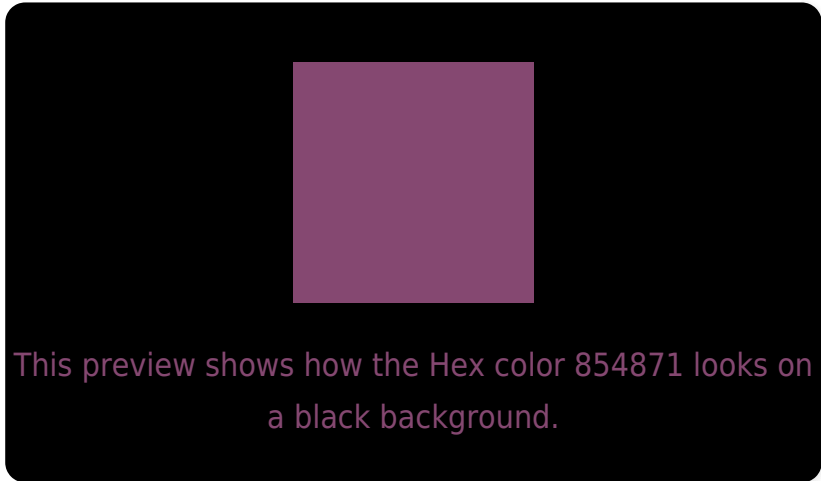
Large Text (above 18pt) WCAG AA ✓ Pass

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

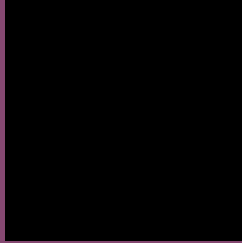
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 854871 Background



This preview shows how black text looks on a background with the Hex color 854871.




This preview shows how white text looks on a background with the Hex color 854871.

# 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**  
824E54

# Trichromacy



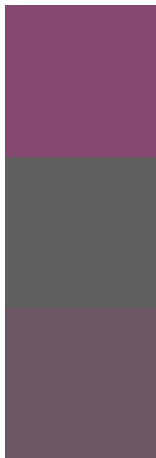
**Original Color**  
854871

**Protanomaly**  
65557A

**Deuteranomaly**  
6C546F

**Tritanomaly**  
834C5F

# Monochromacy



**Original Color**  
854871

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6D5766

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 854871 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 #854871 looks like.

```
.text, #text, p{  
    color:#854871  
}
```

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 #854871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854871
}
```

## Border

The CSS property to change the border of an element to Hex 854871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

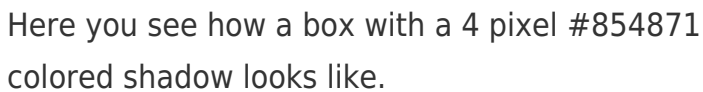
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854871 }
```

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

```
.border{ border-color:#854871 }
```

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



Here you see how a box with a 4 pixel #854871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854871; -webkit-box-shadow:4px 4px  
4px 4px #854871; box-shadow:4px 4px 4px  
4px #854871 }
```

# Background

The CSS property to change the background color of an element to Hex 854871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854871 }
```

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

```
.background{ background-color:#854871 }
```

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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