

Converting Colors

Hex(854C6E)

Have a look what the booklet for
Hex(854C6E) contains.

Hex(854C6E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(854C6E)

Conversions

Conversions Part 1

Format	Color
Hex	854C6E
RGB	133, 76, 110
RGB Percent	52%, 30%, 43%
CMY	0.4784, 0.7020, 0.5686
CMYK	0.00, 0.43, 0.17, 0.48
HSL	324°, 27%, 41%
HSV	324°, 43%, 52%
XYZ	15.0718, 11.2812, 16.1350
YIQ	96.9190, 23.0580, 22.6580

Conversions

Conversions Part 2

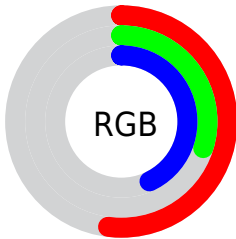
Format	Color
R_{YB}	133, 76, 110
Decimal	8735854
CIE _{Lab}	40.05, 29.04, -9.20
CIE _{LCh}	40, 30.458, 342.424
Yxy	11.2812, 0.3547, 0.2655
Android (android.graphics.Color)	4286925934 (0xFF854C6E)
YUV	96.9190, 6.4489, 31.6430
Hunter-Lab	33.5875, 21.3204, -4.9708

Details

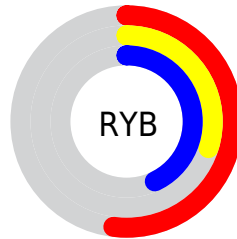
The Hex color **854C6E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4C8563**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **BB7EA2**, and **521D3E** is the 20% darker color. If you saturate the color by 10%, you get **853F69**, and if you desaturate by 10%, it is **855973**.

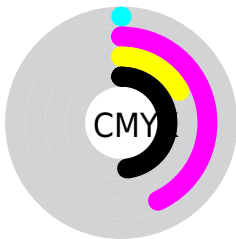
Distribution



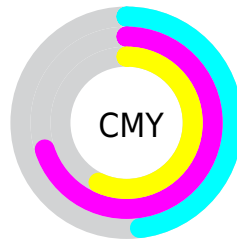
- Red (52%)
- Green (30%)
- Blue (43%)



- Red (52%)
- Yellow (30%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (17%)
- Black (48%)



- Cyan (48%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 854C6E 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 854C6E by changing the saturation by 10% instead.

854C6E

854C6E

FFFFFF

6B3456

BB7EA2

521D3E

D899BD

390428

F4B4D8

260015

FFCFF5

000000

FFECFF

854C6E

854C6E

853F69

855973

853163

856779

 85245E

 85747E

 851759

 858183

 850953

 858F89

 85004F

 859C8E

 85A994

 85B699

 85C49E

Harmonies

Analogous

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



6E5483



854C6E



8E4A55

Triad

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



854C6E



64602C



006A7F

Complementary

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



854C6E



4C8563

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.



006B68



854C6E



486738

Square

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



854C6E



7A582F



246A4F



04658D

Rectangle

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



854C6E



8C4D45



246A4F



006B78

Sweetspot

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



854C6E



AD97A4



634C85



574951



D6D6D6



575757

Same Dimension

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



854C6E



AD558A



854C52



423C40



82004E



030002

Inverse Universe

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



854C6E



AD558A



4C857F



423C40



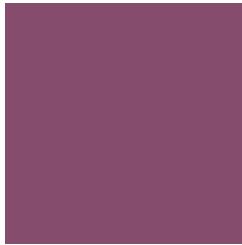
82004E



030002

Previews

White Background



This preview shows how the Hex color 854C6E looks on a white background.

Color Contrast Check

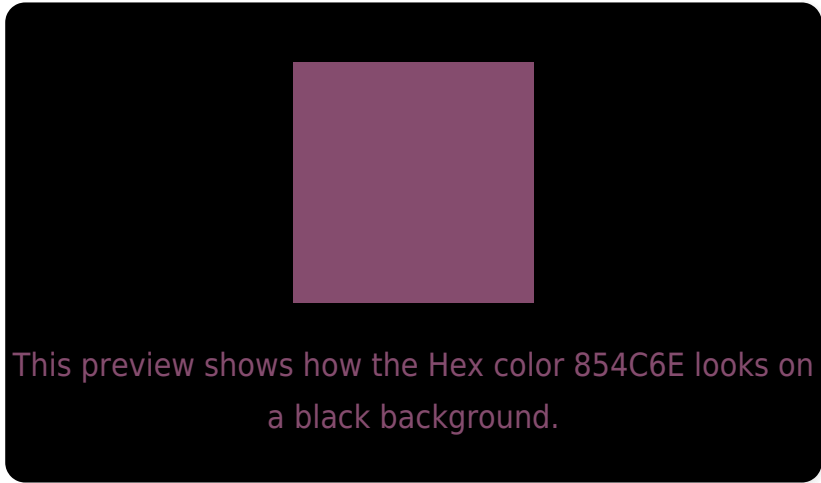
Large Text (above 18pt) WCAG AA ✓ Pass

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

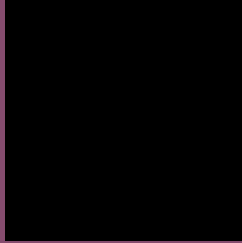
Any Text WCAG AA × Fail

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 854C6E Background



This preview shows how black text looks on a background with the Hex color 854C6E.



This preview shows how white text looks on a background with the Hex color 854C6E.

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
854C6E

Protanopia
575E7A

Deuteranopia
625C6B



Tritanopia
825157

Trichromacy



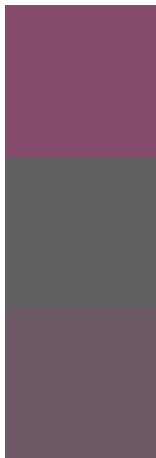
Original Color
854C6E

Protanomaly
685776

Deuteranomaly
6F566C

Tritanomaly
834F5F

Monochromacy



Original Color
854C6E

Achromatopsia
616161

Achromatomaly
6E5966

CSS Examples

Text

The CSS property to change the color of the text to Hex 854C6E 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 #854C6E looks like.

```
.text, #text, p{  
  color:#854C6E  
}
```

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 #854C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854C6E
}
```

Border

The CSS property to change the border of an element to Hex 854C6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

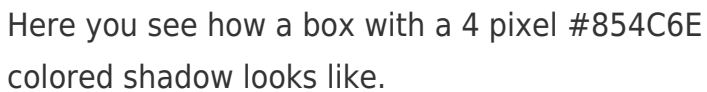
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854C6E }
```

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

```
.border{ border-color:#854C6E }
```

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



Here you see how a box with a 4 pixel #854C6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854C6E; -webkit-box-shadow:4px 4px  
4px 4px #854C6E; box-shadow:4px 4px 4px  
4px #854C6E }
```

Background

The CSS property to change the background color of an element to Hex 854C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854C6E }
```

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

```
.background{ background-color:#854C6E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor