

# Converting Colors

Hex(854D55)

Have a look what the booklet for  
Hex(854D55) contains.

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**Color**

**Hex(854D55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	854D55
RGB	133, 77, 85
RGB Percent	52%, 30%, 33%
CMY	0.4784, 0.6980, 0.6667
CMYK	0.00, 0.42, 0.36, 0.48
HSL	351°, 27%, 41%
HSV	351°, 42%, 52%
XYZ	13.9664, 10.9502, 9.9718
YIQ	94.6560, 30.8080, 14.3600

# Conversions

## Conversions Part 2

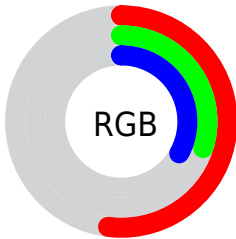
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 77, 85
Decimal	8736085
CIE <sub>Lab</sub>	39.50, 24.64, 5.53
CIE <sub>LCh</sub>	39, 25.252, 12.657
Yxy	10.9502, 0.4003, 0.3139
Android (android.graphics.Color)	4286926165 (0xFF854D55)
YUV	94.6560, -4.7604, 33.6277
Hunter-Lab	33.0911, 17.4285, 5.2970

# Details

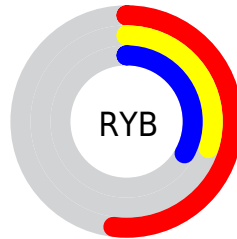
The Hex color **854D55** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4D857D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BC7F87**, and **511F28** is the 20% darker color. If you saturate the color by 10%, you get **85404A**, and if you desaturate by 10%, it is **855A60**.

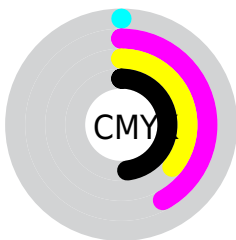
# Distribution



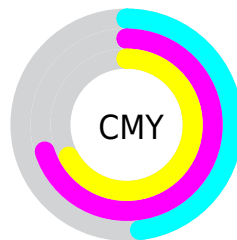
- Red (52%)
- Green (30%)
- Blue (33%)



- Red (52%)
- Yellow (30%)
- Blue (33%)



- Cyan (0%)
- Magenta (42%)
- Yellow (36%)
- Black (48%)



- Cyan (48%)
- Magenta (70%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 854D55 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 854D55 by changing the saturation by 10% instead.



 854D55

 854D55

FFFFFF

 6B353E

 BC7F87

 511F28

 D899A1

 380814

 F5B4BC

 240001

 FFD0D7

 000000

 FFECF4

 854D55

 854D55

 85404A

 855A60

 85323E

 85686C

 852533

 857577

 851827

 858283

 850B1C

 858F8E

 850013

 859D99

 85AAA5

 85B7B0

 85C5BC

# Harmonies

## Analogous

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



7E4E6A



854D55



815142

# Triad

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



854D55



4B643E



286384

# Complementary

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



854D55



4D857D

# 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.



006778



854D55



316750

# Square

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



854D55



625F34



0F6865



4D5C85

# Rectangle

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



854D55



7A5539



0F6865



1A6481



# Sweetspot

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



854D55



AD979A



7D4D85



57494B



D6D6D6



575757



# Same Dimension

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



854D55



AD5562



85614D



423C3D



820013



030000



# Inverse Universe

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



854D55



AD5562



4D7185



423C3D



820013

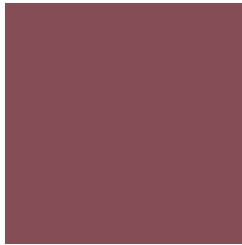


030000



# Previews

## White Background



This preview shows how the Hex color 854D55 looks on a white background.

## Color Contrast Check

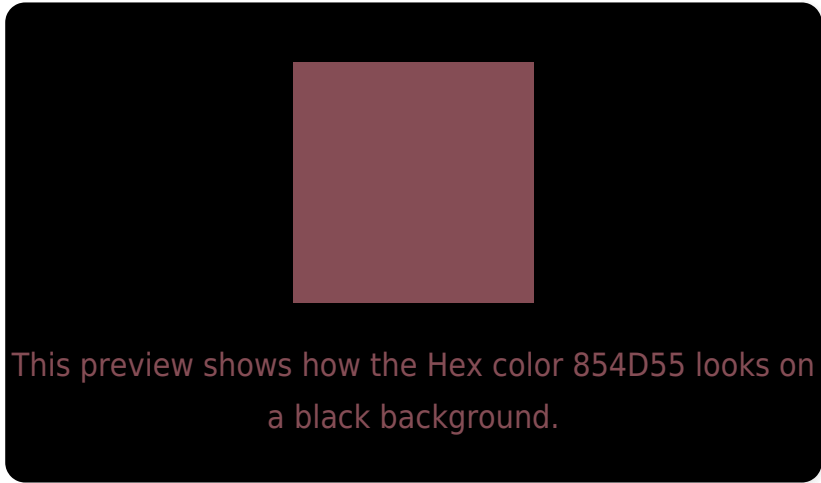
Large Text (above 18pt) WCAG AA ✓ Pass

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

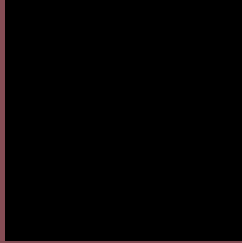
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 854D55 Background



This preview shows how black text looks on a background with the Hex color 854D55.



This preview shows how white text looks on a background with the Hex color 854D55.

# 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**  
854D55

**Protanopia**  
5F5D5E

**Deuteranopia**  
6A5A53



**Tritanopia**  
854D53

# Trichromacy



**Original Color**

854D55

**Protanomaly**

6D575B

**Deuteranomaly**

745554

**Tritanomaly**

854D54

# Monochromacy



**Original Color**

854D55

**Achromatopsia**

5F5F5F

**Achromatomaly**

6D585B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 854D55 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 #854D55 looks like.

```
.text, #text, p{  
    color:#854D55  
}
```

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 #854D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854D55
}
```

## Border

The CSS property to change the border of an element to Hex 854D55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

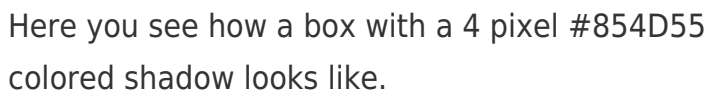
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854D55 }
```

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

```
.border{ border-color:#854D55 }
```

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



Here you see how a box with a 4 pixel #854D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854D55; -webkit-box-shadow:4px 4px  
4px 4px #854D55; box-shadow:4px 4px 4px  
4px #854D55 }
```

# Background

The CSS property to change the background color of an element to Hex 854D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854D55 }
```

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

```
.background{ background-color:#854D55 }
```

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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