

# Converting Colors

Hex(854146)

Have a look what the booklet for  
Hex(854146) contains.

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**Color**

**Hex(854146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	854146
RGB	133, 65, 70
RGB Percent	52%, 25%, 27%
CMY	0.4784, 0.7451, 0.7255
CMYK	0.00, 0.51, 0.47, 0.48
HSL	356°, 34%, 39%
HSV	356°, 51%, 52%
XYZ	12.6687, 9.2093, 6.9042
YIQ	85.9020, 38.9230, 15.9710

# Conversions

## Conversions Part 2

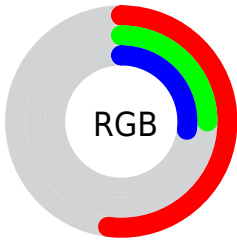
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 65, 70
Decimal	8732998
CIE Lab	36.38, 29.61, 10.56
CIE LCh	36, 31.442, 19.634
Yxy	9.2093, 0.4402, 0.3200
Android (android.graphics.Color)	4286923078 (0xFF854146)
YUV	85.9020, -7.8397, 41.3049
Hunter-Lab	30.3469, 21.4098, 7.7538

# Details

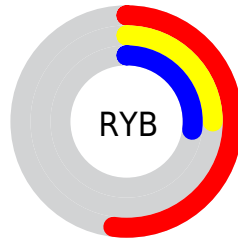
The Hex color **854146** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **418580**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BD7376**, and **50111B** is the 20% darker color. If you saturate the color by 10%, you get **85343A**, and if you desaturate by 10%, it is **854E52**.

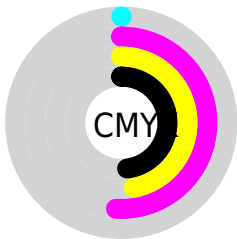
# Distribution



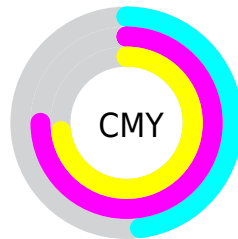
- Red (52%)
- Green (25%)
- Blue (27%)



- Red (52%)
- Yellow (25%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (47%)
- Black (48%)



- Cyan (48%)
- Magenta (75%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 854146 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 854146 by changing the saturation by 10% instead.



 854146

 854146

FFFFFF

 6A2930

 BD7376

 50111B

 DA8D90

 370000

 F7A8AA

 1B0001

 FFC3C6

 000000

 FFD FE1

 FF CFE

 854146

 854146

 85343A

 854E52

■ 85262D

■ 855C5F

■ 851921

■ 85696B

■ 850C15

■ 857677

■ 85000A

■ 858484

■ 859190

■ 859E9C

■ 85ABA9

■ 85B9B5

# Harmonies

## Analogous

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



80415F



854146



7D4830

# Triad

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



854146



375F34



015B87

# Complementary

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



854146



418580

# 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.



00607B



854146



00624C

# Square

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



854146



545924



006266



495285

# Rectangle

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



854146



734E26



006266



005D85



# Sweetspot

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



854146



AD9395



7F4185



574748



D6D6D6



575757



# Same Dimension

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



854146



AD444B



855D41



423C3C



82000A



030000



# Inverse Universe

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



854146



AD444B



416985



423C3C



82000A

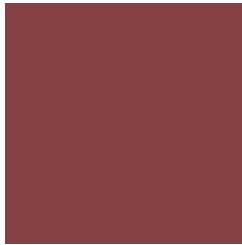


030000



# Previews

## White Background



This preview shows how the Hex color 854146 looks on a white background.

## Color Contrast Check

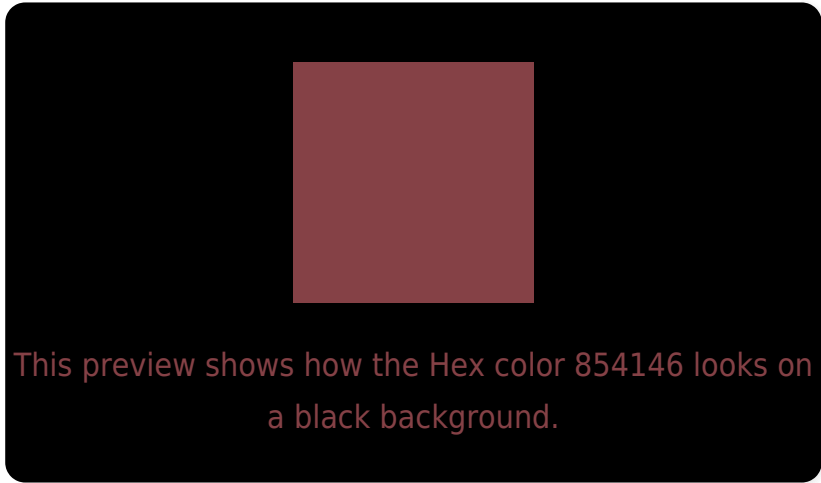
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

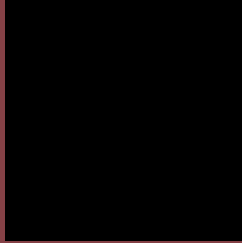
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 854146 Background



This preview shows how black text looks on a background with the Hex color 854146.



This preview shows how white text looks on a background with the Hex color 854146.

# 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**  
854146

**Protanopia**  
595650

**Deuteranopia**  
655343



**Tritanopia**  
854146

# Trichromacy



**Original Color**  
854146

**Protanomaly**  
694E4C

**Deuteranomaly**  
714C44

**Tritanomaly**  
854146

# Monochromacy



**Original Color**  
854146

**Achromatopsia**  
565656

**Achromatomaly**  
674E50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 854146 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 #854146 looks like.

```
.text, #text, p{  
    color:#854146  
}
```

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 #854146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854146
}
```

## Border

The CSS property to change the border of an element to Hex 854146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

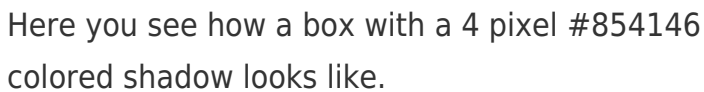
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854146 }
```

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

```
.border{ border-color:#854146 }
```

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



Here you see how a box with a 4 pixel #854146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854146; -webkit-box-shadow:4px 4px  
4px 4px #854146; box-shadow:4px 4px 4px  
4px #854146 }
```

# Background

The CSS property to change the background color of an element to Hex 854146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854146 }
```

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

```
.background{ background-color:#854146 }
```

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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