

# Converting Colors

Hex(854444)

Have a look what the booklet for  
Hex(854444) contains.

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**Color**

**Hex(854444)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	854444
RGB	133, 68, 68
RGB Percent	52%, 27%, 27%
CMY	0.4784, 0.7333, 0.7333
CMYK	0.00, 0.49, 0.49, 0.48
HSL	0°, 32%, 39%
HSV	0°, 49%, 52%
XYZ	12.7834, 9.5381, 6.6361
YIQ	87.4350, 38.7400, 13.7800

# Conversions

## Conversions Part 2

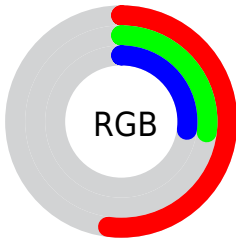
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 68, 68
Decimal	8733764
CIE <sub>Lab</sub>	37.00, 27.73, 12.67
CIE <sub>LCh</sub>	37, 30.485, 24.564
Yxy	9.5381, 0.4415, 0.3294
Android (android.graphics.Color)	4286923844 (0xFF854444)
YUV	87.4350, -9.5815, 39.9605
Hunter-Lab	30.8839, 19.8374, 8.8789

# Details

The Hex color **854444** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **448585**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **BD7674**, and **501519** is the 20% darker color. If you saturate the color by 10%, you get **853737**, and if you desaturate by 10%, it is **855151**.

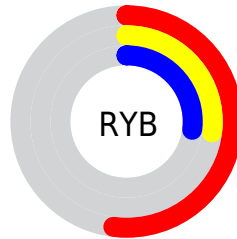
# Distribution



Red (52%)

Green (27%)

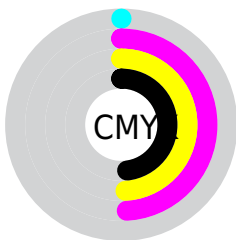
Blue (27%)



Red (52%)

Yellow (27%)

Blue (27%)

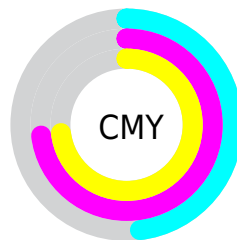


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 854444 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 854444 by changing the saturation by 10% instead.





854444



854444

FFFFFF



6A2C2E



BD7674



501519



DA908E



370000



F7ABA8



1C0001



FFC6C3



000000



FFE2DF

FFFFFFC



854444



854444



853737



855151

852929

855F5F

851C1C

856C6C

850F0F

857979

850101

858787

850000

859494

85A1A1

85AEAE

85BCBC

# Harmonies

## Analogous

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



82435D



854444



7C4B30

# Triad

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



854444



34613A



1F5B88

# Complementary

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



854444



448585

# 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.



00617E



854444



006352

# Square

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



854444



525C29



00636B



525284

# Rectangle

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



854444



705127



00636B



005D86



# Sweetspot

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



854444



AD9393



854485



574747



D6D6D6



575757



# Same Dimension

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



854444



AD4747



856544



423C3C



820000



030000



# Inverse Universe

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



448585



47ADAD



446585



3C4242



008282

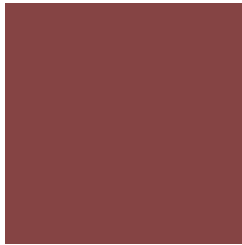


000303



# Previews

## White Background



This preview shows how the Hex color 854444 looks on a white background.

## Color Contrast Check

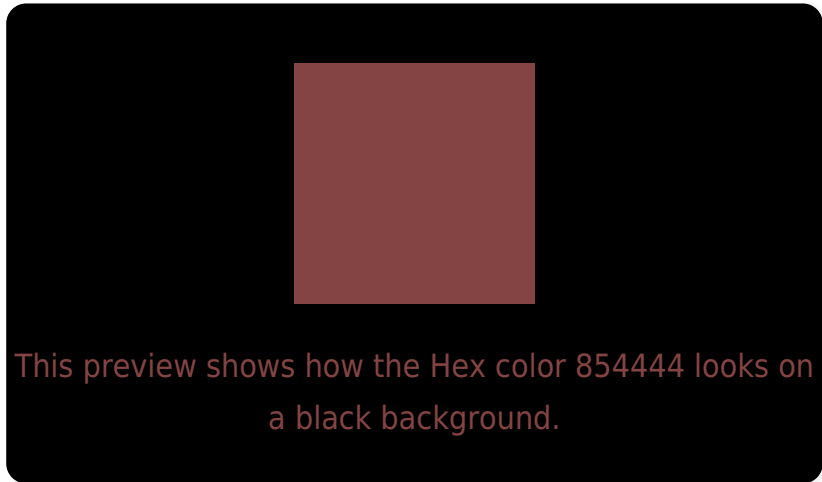
Large Text (above 18pt) WCAG AA ✓ Pass

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 854444 Background



This preview shows how black text looks on a background with the Hex color 854444.

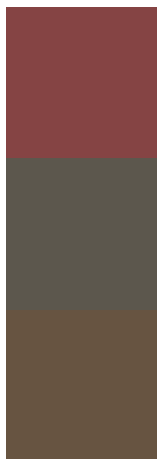


This preview shows how white text looks on a background with the Hex color 854444.

# 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**  
854444

**Protanopia**  
5C574D

**Deuteranopia**  
675441



**Tritanopia**  
854348

# Trichromacy



**Original Color**  
854444

**Protanomaly**  
6B504A

**Deuteranomaly**  
724E42

**Tritanomaly**  
854347

# Monochromacy



**Original Color**  
854444

**Achromatopsia**  
575757

**Achromatomaly**  
685050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 854444 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 #854444 looks like.

```
.text, #text, p{  
    color:#854444  
}
```

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 #854444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854444
}
```

## Border

The CSS property to change the border of an element to Hex 854444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

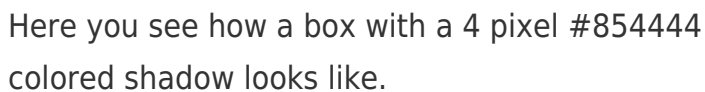
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854444 }
```

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

```
.border{ border-color:#854444 }
```

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



Here you see how a box with a 4 pixel #854444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854444; -webkit-box-shadow:4px 4px  
4px 4px #854444; box-shadow:4px 4px 4px  
4px #854444 }
```

# Background

The CSS property to change the background color of an element to Hex 854444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854444 }
```

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

```
.background{ background-color:#854444 }
```

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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