

# Converting Colors

Hex(855550)

Have a look what the booklet for  
Hex(855550) contains.

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# Color

**Hex(855550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	855550
RGB	133, 85, 80
RGB Percent	52%, 33%, 31%
CMY	0.4784, 0.6667, 0.6863
CMYK	0.00, 0.36, 0.40, 0.48
HSL	6°, 25%, 42%
HSV	6°, 40%, 52%
XYZ	14.3693, 12.0627, 9.1604
YIQ	98.7820, 30.2130, 8.6210

# Conversions

## Conversions Part 2

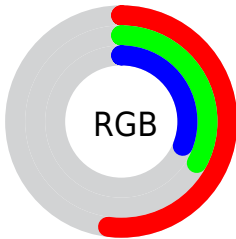
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 86, 80
Decimal	8738128
CIE <sub>Lab</sub>	41.32, 19.31, 11.18
CIE <sub>LCh</sub>	41, 22.315, 30.079
Yxy	12.0627, 0.4037, 0.3389
Android (android.graphics.Color)	4286928208 (0xFF855550)
YUV	98.7820, -9.2595, 30.0092
Hunter-Lab	34.7314, 13.0702, 8.6743

# Details

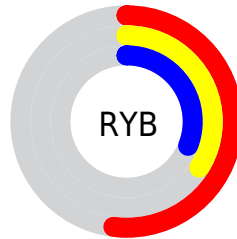
The Hex color **855550** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **508085**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BC8781**, and **512724** is the 20% darker color. If you saturate the color by 10%, you get **854943**, and if you desaturate by 10%, it is **85615D**.

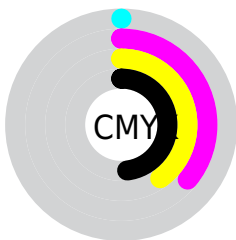
# Distribution



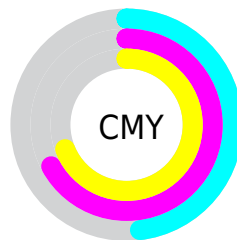
- Red (52%)
- Green (33%)
- Blue (31%)



- Red (52%)
- Yellow (34%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (48%)



- Cyan (48%)
- Magenta (67%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 855550 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 855550 by changing the saturation by 10% instead.



 855550

 855550

FFFFFF

 6B3D39

 BC8781

 512724

 D8A29B

 39110E

 F5BDB6

 240000

 FFD9D2

 000000

 FFF5EE

 855550

 855550

 854943

 85615D

 853D35

 856D6B

853128

857978

85251B

858585

85190D

859193

850D00

859DA0

85A9AD

85B5BA

85C1C8

# Harmonies

## Analogous

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



845462



855550



7D5A42

# Triad

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



855550



456A4F



486386

# Complementary

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



855550



508085

# 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.



2D6881



855550



2F6B61

# Square

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



855550



5B6641



216B73



645D81

# Rectangle

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



855550



735E3D



216B73



3F6585



# Sweetspot

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



855550



AD9B99



855081



574C4B



D6D6D6



575757



# Same Dimension

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



855550



AD625A



856F50



423C3C



820C00



030000



# Inverse Universe

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



508085



5AA6AD



506685



3C4242



007682



000203



# Previews

## White Background



This preview shows how the Hex color 855550 looks on a white background.

## Color Contrast Check

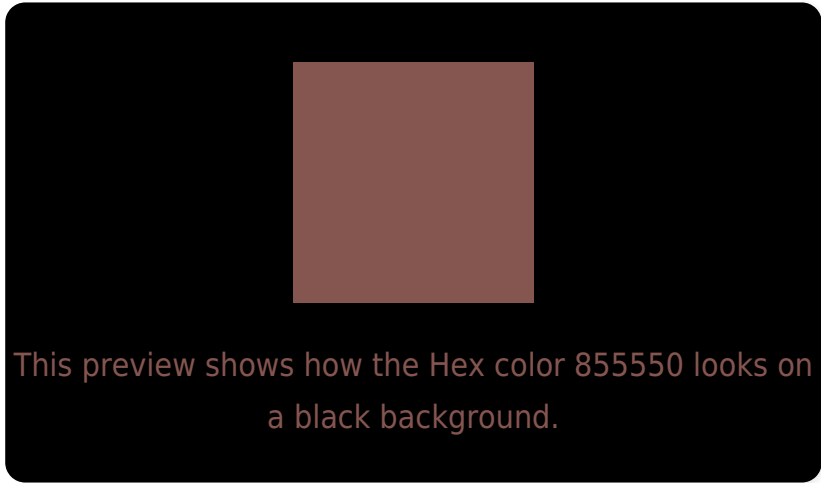
Large Text (above 18pt) WCAG AA ✓ Pass

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

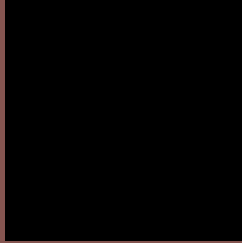
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 855550 Background



This preview shows how black text looks on a background with the Hex color 855550.



This preview shows how white text looks on a background with the Hex color 855550.

# 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**  
855550

**Protanopia**  
666256

**Deuteranopia**  
725E4E



**Tritanopia**  
86545A

# Trichromacy



**Original Color**  
855550

**Protanomaly**  
715D54

**Deuteranomaly**  
795B4F

**Tritanomaly**  
865456

# Monochromacy



**Original Color**  
855550

**Achromatopsia**  
636363

**Achromatomaly**  
6F5E5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 855550 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 #855550 looks like.

```
.text, #text, p{  
    color:#855550  
}
```

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 #855550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855550
}
```

## Border

The CSS property to change the border of an element to Hex 855550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

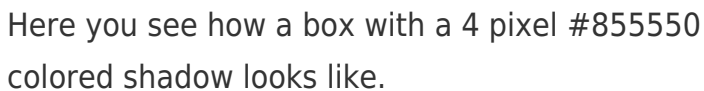
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855550 }
```

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

```
.border{ border-color:#855550 }
```

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



Here you see how a box with a 4 pixel #855550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855550; -webkit-box-shadow:4px 4px  
4px 4px #855550; box-shadow:4px 4px 4px  
4px #855550 }
```

# Background

The CSS property to change the background color of an element to Hex 855550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855550 }
```

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

```
.background{ background-color:#855550 }
```

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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