

# Converting Colors

Hex(894354)

Have a look what the booklet for  
Hex(894354) contains.

<b>Hex(894354)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(894354)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	894354
RGB	137, 67, 84
RGB Percent	54%, 26%, 33%
CMY	0.4627, 0.7373, 0.6706
CMYK	0.00, 0.51, 0.39, 0.46
HSL	345°, 34%, 40%
HSV	345°, 51%, 54%
XYZ	13.9239, 9.9728, 9.5786
YIQ	89.8680, 36.2630, 20.1270

# Conversions

## Conversions Part 2

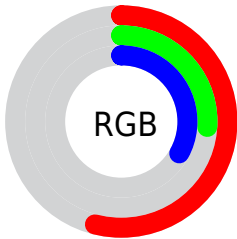
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 67, 84</a>
Decimal	<a href="#">8995668</a>
CIELab	<a href="#">37.79, 31.71, 3.80</a>
CIELCh	<a href="#">38, 31.937, 6.830</a>
Yxy	<a href="#">9.9728, 0.4159, 0.2979</a>
Android (android.graphics.Color)	<a href="#">4287185748 (0xFF894354)</a>
YUV	<a href="#">89.8680, -2.8929, 41.3348</a>
Hunter-Lab	<a href="#">31.5797, 23.4386, 4.1223</a>

# Details

The Hex color **894354** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **438978**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C17585**, and **541227** is the 20% darker color. If you saturate the color by 10%, you get **89354A**, and if you desaturate by 10%, it is **89515E**.

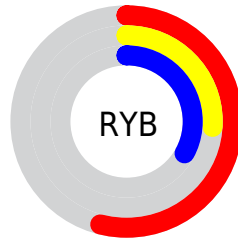
# Distribution



Red (54%)

Green (26%)

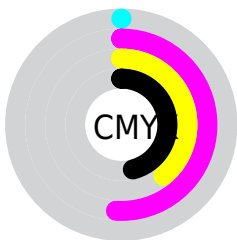
Blue (33%)



Red (54%)

Yellow (26%)

Blue (33%)

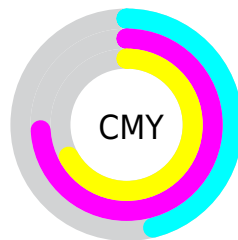


Cyan (0%)

Magenta (51%)

Yellow (39%)

Black (46%)



Cyan (46%)

Magenta (74%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 894354 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 894354 by changing the saturation by 10% instead.



 894354

 894354

FFFFFF

 6E2B3D

 C17585

 541227

 DD8FA0

 3B0013

 FBAABA

 240001

 FFC6D6

 000000

 FFE2F3

 894354

 894354

 89354A

 89515E

 89283F

 895E69

 891A35

 896C73

 890C2B

 897A7D

 890021

 898888

 899592

 89A39D

 89B1A7

 89BEB1

# Harmonies

## Analogous

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



7D476E



894354



86473B

# Triad

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



894354



47602E



006188

# Complementary

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



894354



438978

# 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.



006577



894354



226544

# Square

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



894354



635924



00665E



375A8C

# Rectangle

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



894354



7E4D2E



00665E



006384



# Sweetspot

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



894354



B3989E



784389



59494D



D9D9D9



595959



# Same Dimension

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



894354



B34660



895543



453E40



850020



050001



# Inverse Universe

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



894354



B34660



437889



453E40



850020

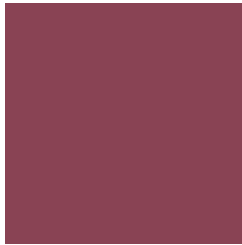


050001



# Previews

## White Background



This preview shows how the Hex color 894354 looks on a white background.

## Color Contrast Check

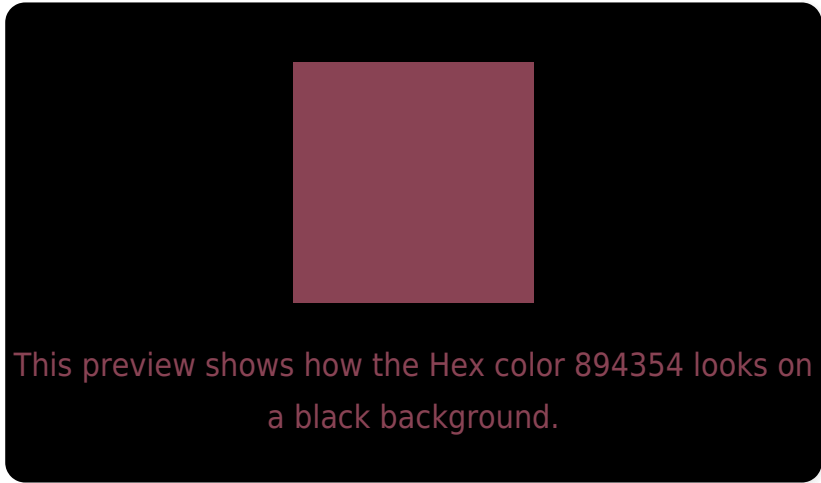
Large Text (above 18pt) WCAG AA ✓ Pass

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 894354 Background



This preview shows how black text looks on a background with the Hex color 894354.

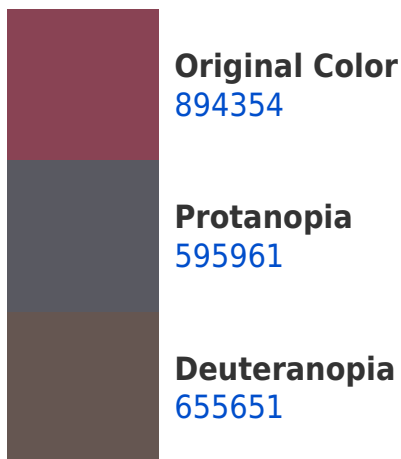



This preview shows how white text looks on a background with the Hex color 894354.

# 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





**Tritanopia**  
88454A

# Trichromacy



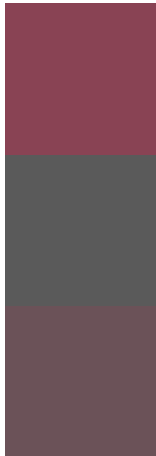
**Original Color**  
894354

**Protanomaly**  
6A515C

**Deuteranomaly**  
724F52

**Tritanomaly**  
88444E

# Monochromacy



**Original Color**  
894354

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
6B5258

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 894354 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 #894354 looks like.

```
.text, #text, p{  
    color:#894354  
}
```

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 #894354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #894354
}
```

## Border

The CSS property to change the border of an element to Hex 894354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

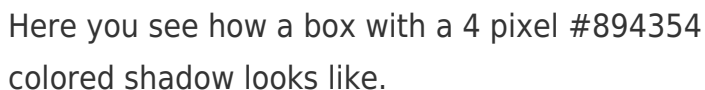
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#894354 }
```

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

```
.border{ border-color:#894354 }
```

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



Here you see how a box with a 4 pixel #894354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #894354; -webkit-box-shadow:4px 4px  
4px 4px #894354; box-shadow:4px 4px 4px  
4px #894354 }
```

# Background

The CSS property to change the background color of an element to Hex 894354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#894354 }
```

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

```
.background{ background-color:#894354 }
```

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