

Converting Colors

Hex(894771)

Have a look what the booklet for
Hex(894771) contains.

Hex(894771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(894771)

Conversions

Conversions Part 1

Format	Color
Hex	894771
RGB	137, 71, 113
RGB Percent	54%, 28%, 44%
CMY	0.4627, 0.7216, 0.5569
CMYK	0.00, 0.48, 0.18, 0.46
HSL	322°, 32%, 41%
HSV	322°, 48%, 54%
XYZ	15.5504, 11.0171, 16.9297
YIQ	95.5220, 25.8540, 27.0540

Conversions

Conversions Part 2

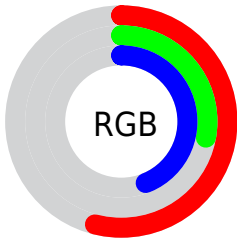
Format	Color
R_{YB}	137, 71, 113
Decimal	8996721
CIE _{Lab}	39.61, 33.77, -11.67
CIE _{LCh}	40, 35.730, 340.941
Yxy	11.0171, 0.3575, 0.2533
Android (android.graphics.Color)	4287186801 (0xFF894771)
YUV	95.5220, 8.6167, 36.3762
Hunter-Lab	33.1920, 25.5409, -7.0067

Details

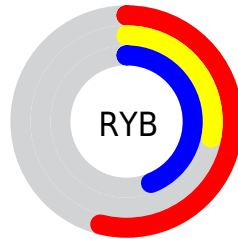
The Hex color **894771** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **47895F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **C079A5**, and **551641** is the 20% darker color. If you saturate the color by 10%, you get **89396C**, and if you desaturate by 10%, it is **895576**.

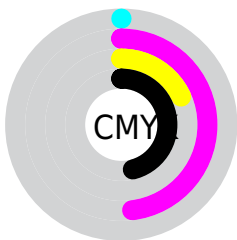
Distribution



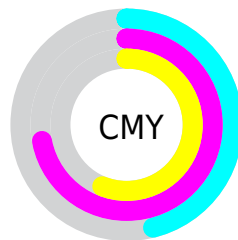
- Red (54%)
- Green (28%)
- Blue (44%)



- Red (54%)
- Yellow (28%)
- Blue (44%)



- Cyan (0%)
- Magenta (48%)
- Yellow (18%)
- Black (46%)



- Cyan (46%)
- Magenta (72%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 894771 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 894771 by changing the saturation by 10% instead.

894771

894771

FFFFFF

6F2F58

C079A5

551641

DC94C0

3C002B

F9AFDC

280017

FFCBF8

000000

FFE7FF

894771

894771

89396C

895576

892C67

89627B

891E62

897080

89105D

897E85

890358

898C8A

890057

89998F

89A794

89B599

89C29E

Harmonies

Analogous

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



6D5189



894771



934454

Triad

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



894771



645F21



006A83

Complementary

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



894771



47895F

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.



006C67



894771



44662F

Square

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



894771



7D5525



106B49



006694

Rectangle

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



894771



924741



106B49



006B7A

Sweetspot

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



894771



B39AA9



5E4789



594A54



D9D9D9



595959

Same Dimension

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



894771



B34B8D



894751



453E42



850054



050003

Inverse Universe

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



894771



B34B8D



47897F



453E42



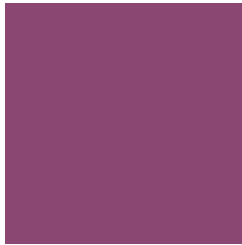
850054



050003

Previews

White Background



This preview shows how the Hex color 894771 looks on a white background.

Color Contrast Check

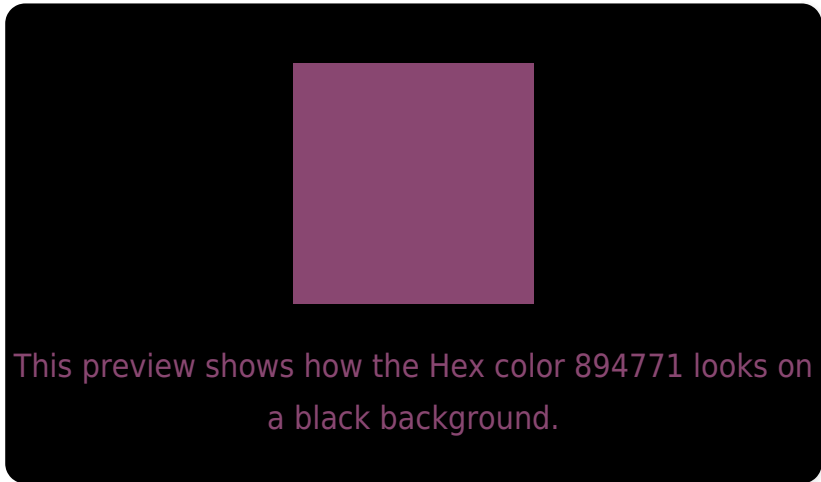
Large Text (above 18pt) WCAG AA ✓ Pass

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

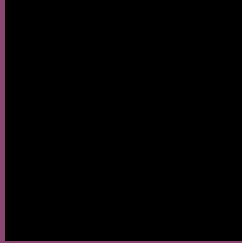
Any Text WCAG AA × Fail

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 894771 Background



This preview shows how black text looks on a background with the Hex color 894771.



This preview shows how white text looks on a background with the Hex color 894771.

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](#).

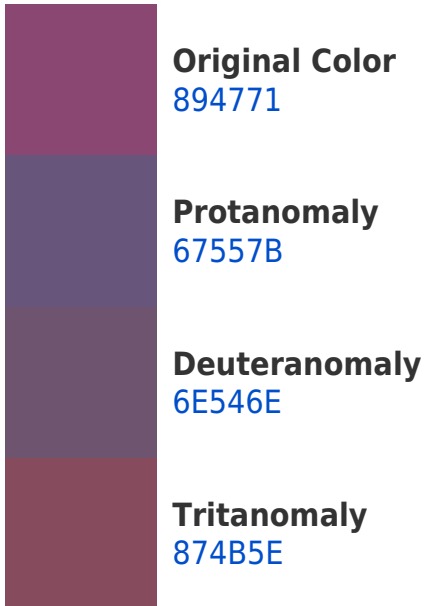
Dichromacy



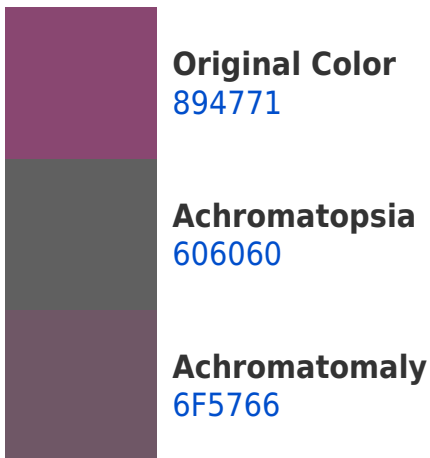


Tritanopia
864D53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 894771 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 #894771 looks like.

```
.text, #text, p{  
    color:#894771  
}
```

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 #894771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #894771
}
```

Border

The CSS property to change the border of an element to Hex 894771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

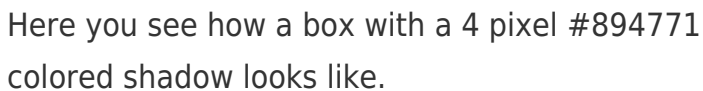
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#894771 }
```

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

```
.border{ border-color:#894771 }
```

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



Here you see how a box with a 4 pixel #894771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #894771; -webkit-box-shadow:4px 4px  
4px 4px #894771; box-shadow:4px 4px 4px  
4px #894771 }
```

Background

The CSS property to change the background color of an element to Hex 894771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#894771 }
```

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

```
.background{ background-color:#894771 }
```

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