

# Converting Colors

Hex(894566)

Have a look what the booklet for  
Hex(894566) contains.

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# Color

**Hex(894566)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	894566
RGB	137, 69, 102
RGB Percent	54%, 27%, 40%
CMY	0.4627, 0.7294, 0.6000
CMYK	0.00, 0.50, 0.26, 0.46
HSL	331°, 33%, 40%
HSV	331°, 50%, 54%
XYZ	14.8429, 10.5339, 13.8213
YIQ	93.0940, 29.9350, 24.6790

# Conversions

## Conversions Part 2

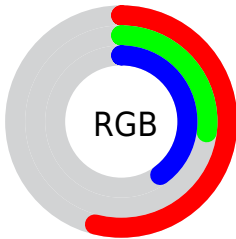
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 69, 102
Decimal	8996198
CIE Lab	38.78, 33.12, -6.06
CIE LCh	39, 33.666, 349.633
Yxy	10.5339, 0.3787, 0.2687
Android (android.graphics.Color)	4287186278 (0xFF894566)
YUV	93.0940, 4.3907, 38.5056
Hunter-Lab	32.4560, 24.8344, -2.5293

# Details

The Hex color **894566** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **458968**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **C07799**, and **551437** is the 20% darker color. If you saturate the color by 10%, you get **89375F**, and if you desaturate by 10%, it is **89536D**.

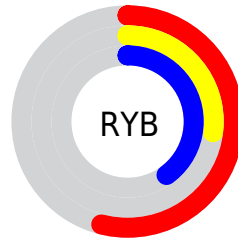
# Distribution



Red (54%)

Green (27%)

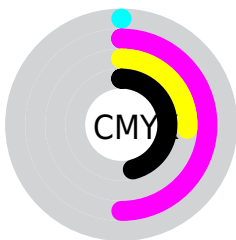
Blue (40%)



Red (54%)

Yellow (27%)

Blue (40%)

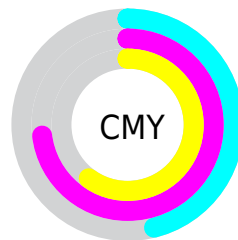


Cyan (0%)

Magenta (50%)

Yellow (26%)

Black (46%)



Cyan (46%)

Magenta (73%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 894566 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 894566 by changing the saturation by 10% instead.



894566

894566

FFFFFF

6E2D4E

C07799

551437

DD92B4

3C0022

FAADCF

27000B

FFC8EB

000000

FFE5FF

894566

894566

89375F

89536D

892A58

896074

891C51

896E7B

890E4A

897C82

890043

898A89

890042

899790

89A597

89B39E

89C0A5

# Harmonies

## Analogous

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



744D7F



894566



8E454A

# Triad

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



894566



5A5F25



006784

# Complementary

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



894566



458968

# 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.



00696D



894566



3A6537

# Square

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



894566



735724



006951



006191

# Rectangle

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



894566



8A493A



006951



00687D



# Sweetspot

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



894566



B398A5



674589



594951



D9D9D9



595959



# Same Dimension

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



894566



B3477B



894545



453E41



850040



050002



# Inverse Universe

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



894566



B3477B



458989



453E41



850040

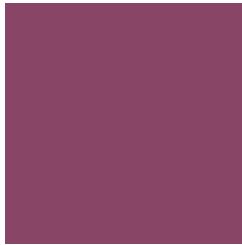


050002



# Previews

## White Background



This preview shows how the Hex color 894566 looks on a white background.

## Color Contrast Check

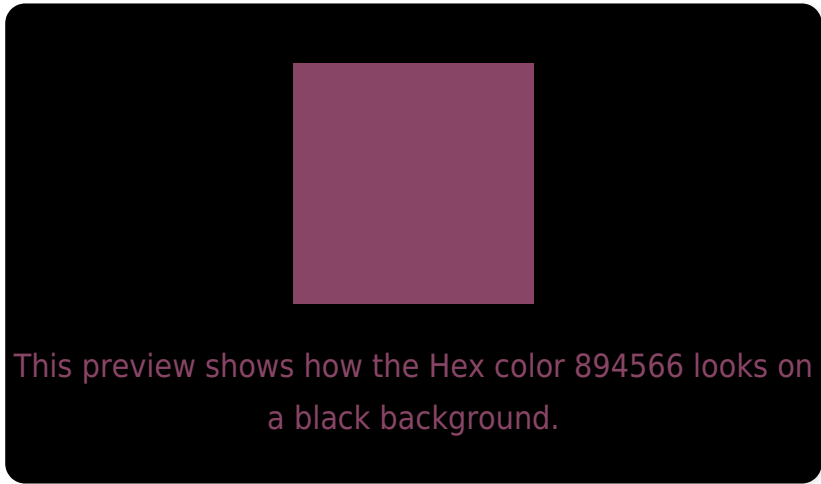
Large Text (above 18pt) WCAG AA ✓ Pass

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

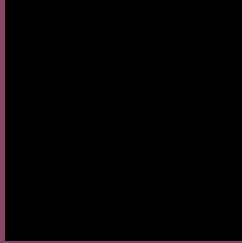
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 894566 Background



This preview shows how black text looks on a background with the Hex color 894566.

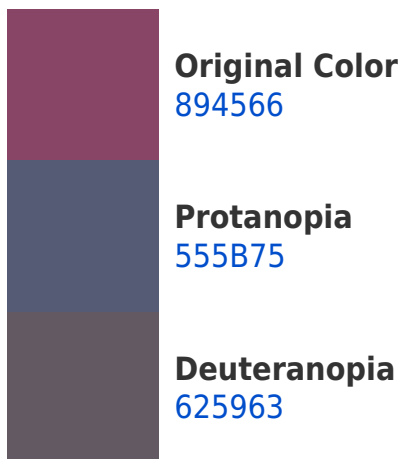


This preview shows how white text looks on a background with the Hex color 894566.

# 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**  
874A4F

# Trichromacy



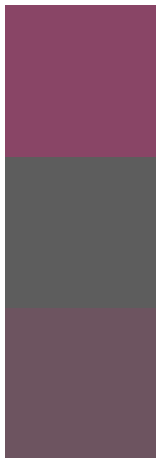
**Original Color**  
894566

**Protanomaly**  
685370

**Deuteranomaly**  
705264

**Tritanomaly**  
884857

# Monochromacy



**Original Color**  
894566

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6D5460

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 894566 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 #894566 looks like.

```
.text, #text, p{  
    color:#894566  
}
```

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 #894566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #894566
}
```

## Border

The CSS property to change the border of an element to Hex 894566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

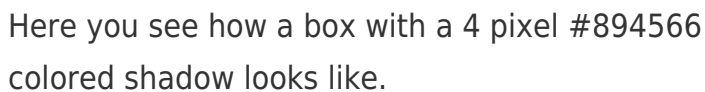
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#894566 }
```

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

```
.border{ border-color:#894566 }
```

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



Here you see how a box with a 4 pixel #894566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #894566; -webkit-box-shadow:4px 4px  
4px 4px #894566; box-shadow:4px 4px 4px  
4px #894566 }
```

# Background

The CSS property to change the background color of an element to Hex 894566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#894566 }
```

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

```
.background{ background-color:#894566 }
```

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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