

# Converting Colors

Hex(899580)

Have a look what the booklet for  
Hex(899580) contains.

<b>Hex(899580)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(899580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	899580
RGB	137, 149, 128
RGB Percent	54%, 58%, 50%
CMY	0.4627, 0.4157, 0.4980
CMYK	0.08, 0.00, 0.14, 0.42
HSL	94°, 9%, 54%
HSV	94°, 14%, 58%
XYZ	24.9603, 28.3718, 24.5828
YIQ	143.0180, -0.4110, -9.0750

# Conversions

## Conversions Part 2

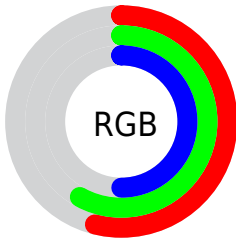
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 149, 140
Decimal	9016704
CIE <sub>Lab</sub>	60.22, -8.36, 9.64
CIE <sub>LCh</sub>	60, 12.756, 130.940
Yxy	28.3718, 0.3204, 0.3641
Android (android.graphics.Color)	4287206784 (0xFF899580)
YUV	143.0180, -7.4039, -5.2778
Hunter-Lab	53.2652, -9.5682, 9.9222

# Details

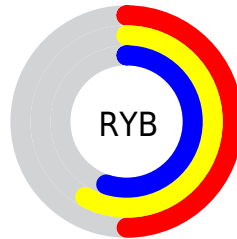
The Hex color **899580** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8C8095**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BECBB5**, and **57624F** is the 20% darker color. If you saturate the color by 10%, you get **809571**, and if you desaturate by 10%, it is **92958F**.

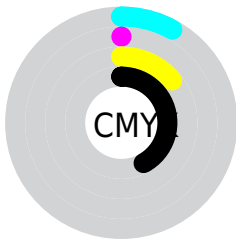
# Distribution



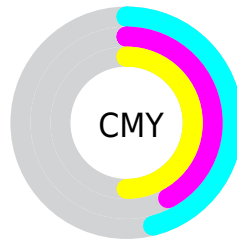
- Red (54%)
- Green (58%)
- Blue (50%)



- Red (50%)
- Yellow (58%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (46%)
- Magenta (42%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 899580 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 899580 by changing the saturation by 10% instead.



899580

899580

FFFFFF

707B67

BECBB5

57624F

DAE7D0

404A38

F7FFED

2A3422

151F0D

000200

000000

899580

899580

809571

92958F

 789562

 9A959E

 6F9553

 A395AD

 679544

 AB95BC

 5E9535

 B495CB

 569527

 BC95D9

 4D9518

 C595E8

 459509

 CD95F7

 409500

 D695FF

# Harmonies

## Analogous

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



96927B



899580



7D9789

# Triad

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



899580



7D94A6



A9898D

# Complementary

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



899580



8C8095

# 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.



A38A99



899580



8A91A7

# Square

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



899580



75979F



988DA2



A88B83

# Rectangle

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



899580



779891



988DA2



A88991



# Sweetspot

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



899580



BDC2BA



958C80



5E615C



E0E0E0



616161



# Same Dimension

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



899580



AFC2A1



809581



464A43



3B8A00



040A00



# Inverse Universe

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



8C8095



B4A1C2



958094



47434A



4F008A

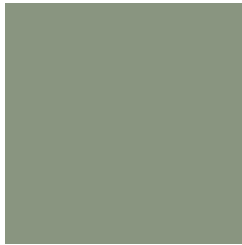


06000A



# Previews

## White Background



This preview shows how the Hex color 899580 looks on a white background.

## Color Contrast Check

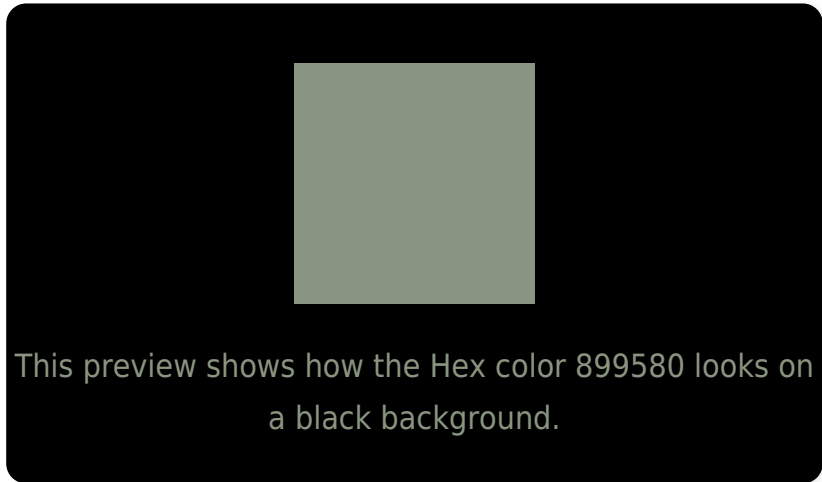
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

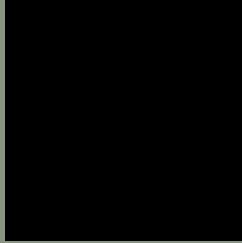
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

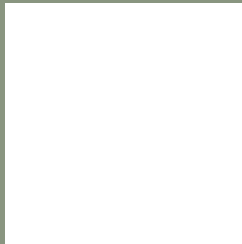
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 899580 Background



This preview shows how black text looks on a background with the Hex color 899580.

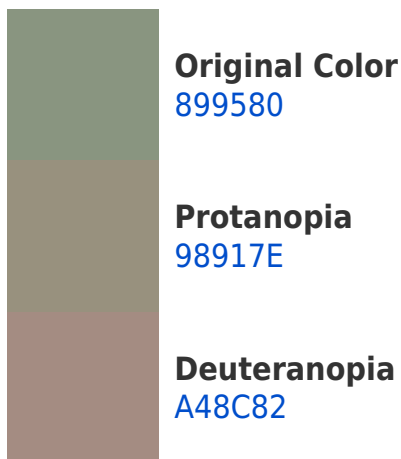


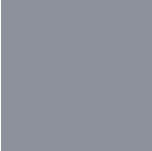
This preview shows how white text looks on a background with the Hex color 899580.

# 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**  
8D919C

# Trichromacy



**Original Color**  
899580

**Protanomaly**  
93927F

**Deuteranomaly**  
9A8F81

**Tritanomaly**  
8C9292

# Monochromacy



**Original Color**  
899580

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
8D918A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 899580 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 #899580 looks like.

```
.text, #text, p{  
    color:#899580  
}
```

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 #899580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #899580
}
```

## Border

The CSS property to change the border of an element to Hex 899580 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
#899580 }
```

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

```
.border{ border-color:#899580 }
```

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

Here you see how a box with a 4 pixel #899580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #899580; -webkit-box-shadow:4px 4px  
4px 4px #899580; box-shadow:4px 4px 4px  
4px #899580 }
```

# Background

The CSS property to change the background color of an element to Hex 899580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#899580 }
```

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

```
.background{ background-color:#899580 }
```

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