

# Converting Colors

Hex(895787)

Have a look what the booklet for  
Hex(895787) contains.

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# Color

**Hex(895787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	895787
RGB	137, 87, 135
RGB Percent	54%, 34%, 53%
CMY	0.4627, 0.6588, 0.4706
CMYK	0.00, 0.36, 0.01, 0.46
HSL	302°, 22%, 44%
HSV	302°, 36%, 54%
XYZ	18.0979, 13.8840, 24.6477
YIQ	107.4220, 14.3920, 25.5280

# Conversions

## Conversions Part 2

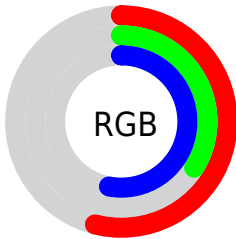
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 87, 135
Decimal	9000839
CIE Lab	44.07, 28.75, -18.33
CIE LCh	44, 34.091, 327.479
Yxy	13.8840, 0.3196, 0.2452
Android (android.graphics.Color)	4287190919 (0xFF895787)
YUV	107.4220, 13.5960, 25.9399
Hunter-Lab	37.2613, 21.4907, -13.1364

# Details

The Hex color **895787** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **578959**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **BF8ABC**, and **562855** is the 20% darker color. If you saturate the color by 10%, you get **894986**, and if you desaturate by 10%, it is **896588**.

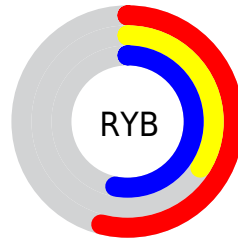
# Distribution



Red (54%)

Green (34%)

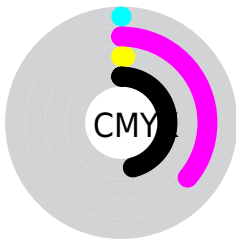
Blue (53%)



Red (54%)

Yellow (34%)

Blue (53%)

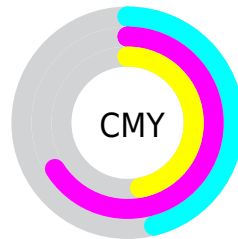


Cyan (0%)

Magenta (36%)

Yellow (1%)

Black (46%)



Cyan (46%)

Magenta (66%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 895787 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 895787 by changing the saturation by 10% instead.



 895787

 895787

FFFFFF

 6F3F6E

 BF8ABC

 562855

 DBA4D8

 3E103E

 F8C0F5

 270028

 FFDCFF

 000012

 FFF9FF

 000000

 895787

 895787

 894986

 896588

 893C86

 897288

892E85

898089

892085

898E89

891384

899B8A

890584

89A98A

890084

89B78B

89C58B

89D28C

# Harmonies

## Analogous

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



67629A



895787



9B516C

# Triad

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



895787



7B662E



007681

# Complementary

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



895787



578959

# 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.



007665



895787



5F6E34

# Square

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



895787



915C39



3C7449



007397

# Rectangle

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



895787



9E5159



3C7449



007778



# Sweetspot

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



895787



B39FB2



595789



594E59



D9D9D9



595959



# Same Dimension

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



895787



B364AF



89576E



453E45



85007F



050005



# Inverse Universe

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



895787



B364AF



578972



453E45



85007F

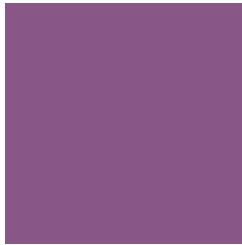


050005



# Previews

## White Background



This preview shows how the Hex color 895787 looks on a white background.

## Color Contrast Check

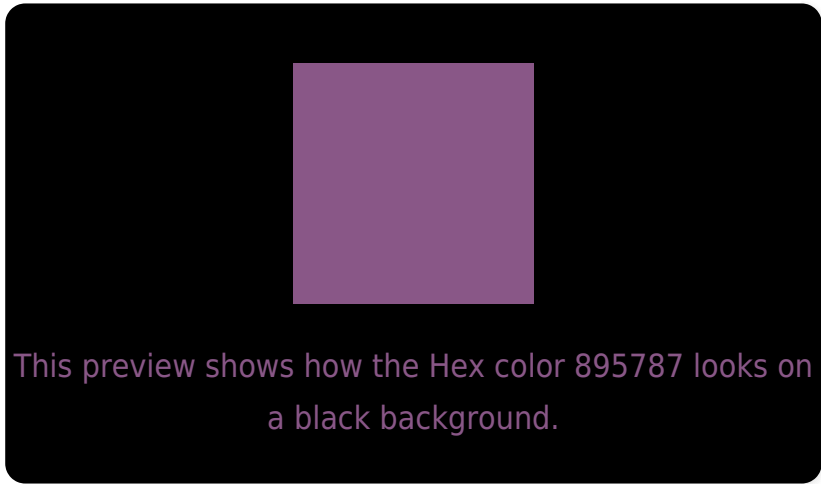
Large Text (above 18pt) WCAG AA ✓ Pass

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

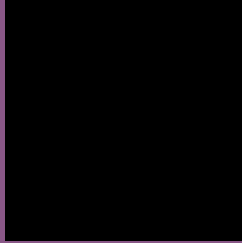
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 895787 Background



This preview shows how black text looks on a background with the Hex color 895787.



This preview shows how white text looks on a background with the Hex color 895787.

# 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**  
855E65

# Trichromacy



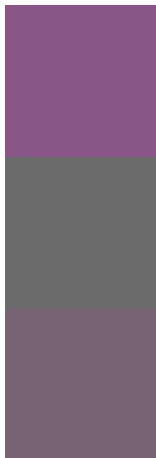
**Original Color**  
895787

**Protanomaly**  
6C618F

**Deuteranomaly**  
716185

**Tritanomaly**  
865B71

# Monochromacy



**Original Color**  
895787

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
766475

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 895787 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 #895787 looks like.

```
.text, #text, p{  
    color:#895787  
}
```

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 #895787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #895787
}
```

## Border

The CSS property to change the border of an element to Hex 895787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

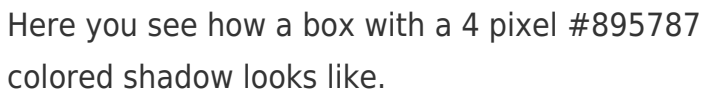
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#895787 }
```

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

```
.border{ border-color:#895787 }
```

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



Here you see how a box with a 4 pixel #895787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #895787; -webkit-box-shadow:4px 4px  
4px 4px #895787; box-shadow:4px 4px 4px  
4px #895787 }
```

# Background

The CSS property to change the background color of an element to Hex 895787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#895787 }
```

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

```
.background{ background-color:#895787 }
```

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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