

# Converting Colors

Hex(895080)

Have a look what the booklet for  
Hex(895080) contains.

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**Color**

**Hex(895080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	895080
RGB	137, 80, 128
RGB Percent	54%, 31%, 50%
CMY	0.4627, 0.6863, 0.4980
CMYK	0.00, 0.42, 0.07, 0.46
HSL	309°, 26%, 43%
HSV	309°, 42%, 54%
XYZ	17.0815, 12.6142, 21.9566
YIQ	102.5150, 18.5640, 27.0120

# Conversions

## Conversions Part 2

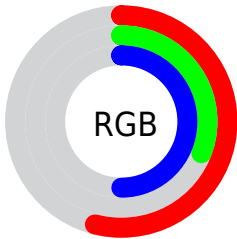
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 80, 128
Decimal	8999040
CIE <sub>Lab</sub>	42.18, 31.40, -16.98
CIE <sub>LCh</sub>	42, 35.699, 331.602
Yxy	12.6142, 0.3307, 0.2442
Android (android.graphics.Color)	4287189120 (0xFF895080)
YUV	102.5150, 12.5641, 30.2433
Hunter-Lab	35.5165, 23.6949, -11.7920

# Details

The Hex color **895080** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **508959**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **BF83B5**, and **56204F** is the 20% darker color. If you saturate the color by 10%, you get **89427E**, and if you desaturate by 10%, it is **895E82**.

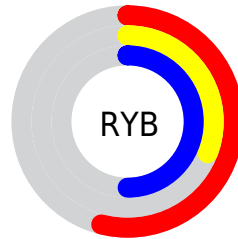
# Distribution



Red (54%)

Green (31%)

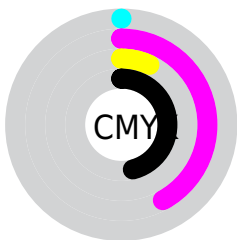
Blue (50%)



Red (54%)

Yellow (31%)

Blue (50%)

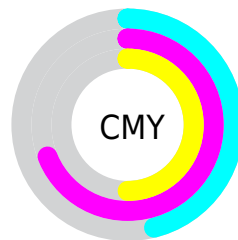


Cyan (0%)

Magenta (42%)

Yellow (7%)

Black (46%)



Cyan (46%)

Magenta (69%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 895080 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 895080 by changing the saturation by 10% instead.



 895080

 895080

FFFFFF

 6F3867

 BF83B5

 56204F

 DC9DD1

 3D0738

 F9B8ED

 280022

 FFD4FF

 000008

 FFF1FF

 000000

 895080

 895080

 89427E

 895E82

 89357C

 896B84

89277A

897986

891977

898789

890C75

89948B

890073

89A28D

89B08F

89BE91

89CB93

# Harmonies

## Analogous

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



675B96



895080



994A63

# Triad

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



895080



736226



007281

# Complementary

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



895080



508959

# 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.



007264



895080



556B2F

# Square

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



895080



8B5830



2E7046



006E97

# Rectangle

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



895080



9A4C50



2E7046



007278



# Sweetspot

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



895080



B39DAF



595089



594D57



D9D9D9



595959



# Same Dimension

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



895080



B359A4



895064



453E44



850070



050004



# Inverse Universe

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



895080



B359A4



508975



453E44



850070

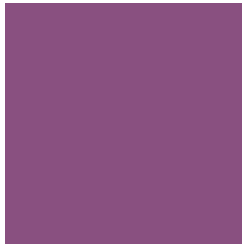


050004



# Previews

## White Background



This preview shows how the Hex color 895080 looks on a white background.

## Color Contrast Check

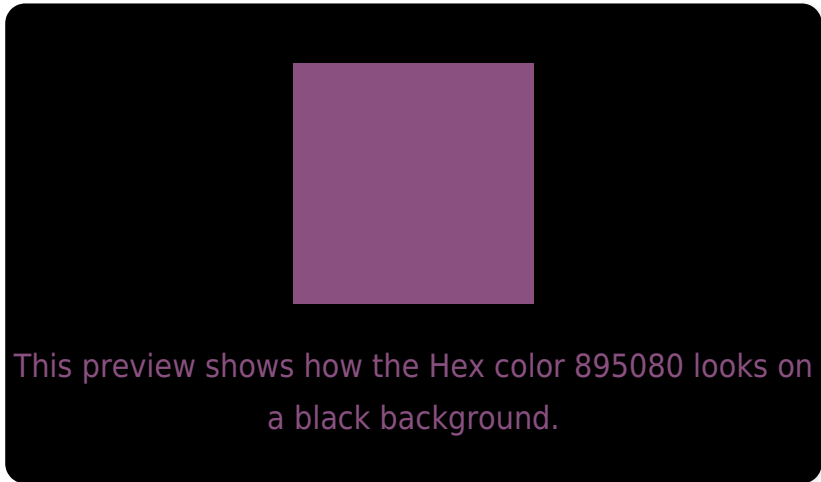
Large Text (above 18pt) WCAG AA ✓ Pass

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

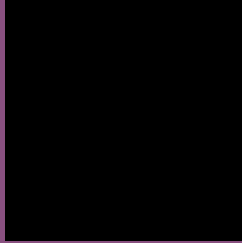
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 895080 Background



This preview shows how black text looks on a background with the Hex color 895080.



This preview shows how white text looks on a background with the Hex color 895080.

# 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



**Original Color**  
895080

**Protanopia**  
56638E

**Deuteranopia**  
61627D



**Tritanopia**  
85575E

# Trichromacy



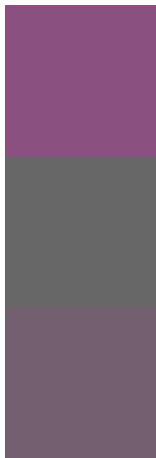
**Original Color**  
895080

**Protanomaly**  
695C89

**Deuteranomaly**  
705B7E

**Tritanomaly**  
86546A

# Monochromacy



**Original Color**  
895080

**Achromatopsia**  
676767

**Achromatomaly**  
735F70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 895080 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 #895080 looks like.

```
.text, #text, p{  
    color:#895080  
}
```

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 #895080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #895080
}
```

## Border

The CSS property to change the border of an element to Hex 895080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

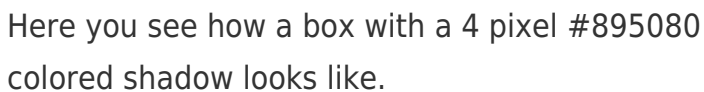
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#895080 }
```

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

```
.border{ border-color:#895080 }
```

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



Here you see how a box with a 4 pixel #895080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #895080; -webkit-box-shadow:4px 4px  
4px 4px #895080; box-shadow:4px 4px 4px  
4px #895080 }
```

# Background

The CSS property to change the background color of an element to Hex 895080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#895080 }
```

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

```
.background{ background-color:#895080 }
```

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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