

# Converting Colors

Hex(895795)

Have a look what the booklet for  
Hex(895795) contains.

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# Color

**Hex(895795)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	895795
RGB	137, 87, 149
RGB Percent	54%, 34%, 58%
CMY	0.4627, 0.6588, 0.4157
CMYK	0.08, 0.42, 0.00, 0.42
HSL	288°, 26%, 46%
HSV	288°, 42%, 58%
XYZ	19.1495, 14.3047, 30.1856
YIQ	109.0180, 9.8980, 29.8820

# Conversions

## Conversions Part 2

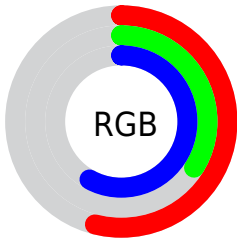
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 87, 149
Decimal	9000853
CIE <sub>Lab</sub>	44.67, 31.62, -25.81
CIE <sub>LCh</sub>	45, 40.821, 320.778
Yxy	14.3047, 0.3009, 0.2248
Android (android.graphics.Color)	4287190933 (0xFF895795)
YUV	109.0180, 19.7111, 24.5402
Hunter-Lab	37.8215, 24.1892, -20.8446

# Details

The Hex color **895795** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **639557**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BF8ACB**, and **562762** is the 20% darker color. If you saturate the color by 10%, you get **864895**, and if you desaturate by 10%, it is **8C6695**.

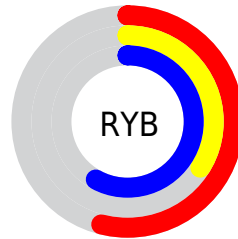
# Distribution



Red (54%)

Green (34%)

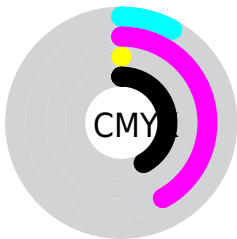
Blue (58%)



Red (54%)

Yellow (34%)

Blue (58%)

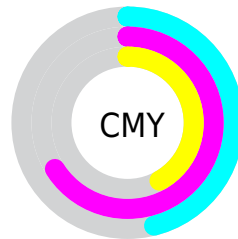


Cyan (8%)

Magenta (42%)

Yellow (0%)

Black (42%)



Cyan (46%)

Magenta (66%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 895795 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 895795 by changing the saturation by 10% instead.



 895795

 895795

FFFFFF

 6F3F7B

 BF8ACB

 562762

 DCA5E8

 3D104A

 F9C0FF

 260033

 FFDCFF

 03001D

 FFF9FF

 000000

 895795

 895795

 864895

 8C6695

 833995

 8F7595

802A95

928495

7D1B95

959395

7B0C95

97A295

780095

9AB095

9DBF95

A0CE95

A3DD95

# Harmonies

## Analogous

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



5965A9



895795



A34D76

# Triad

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



895795



866424



007A81

# Complementary

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



895795



639557

# 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.



007A5E



895795



666F26

# Square

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



895795



9D5736



3D763D



00789E

# Rectangle

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



895795



A94C5F



3D763D



007B75



# Sweetspot

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



895795



BDABC2



576395



5E5361



E0E0E0



616161



# Same Dimension

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



895795



AF61C2



955782



49434A



6F008A



08000A



# Inverse Universe

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



955763



C26174



57956A



4A4344



8A001B

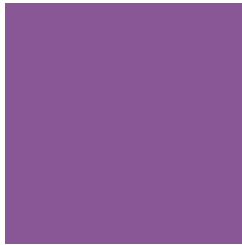


0A0002



# Previews

## White Background



This preview shows how the Hex color 895795 looks on a white background.

## Color Contrast Check

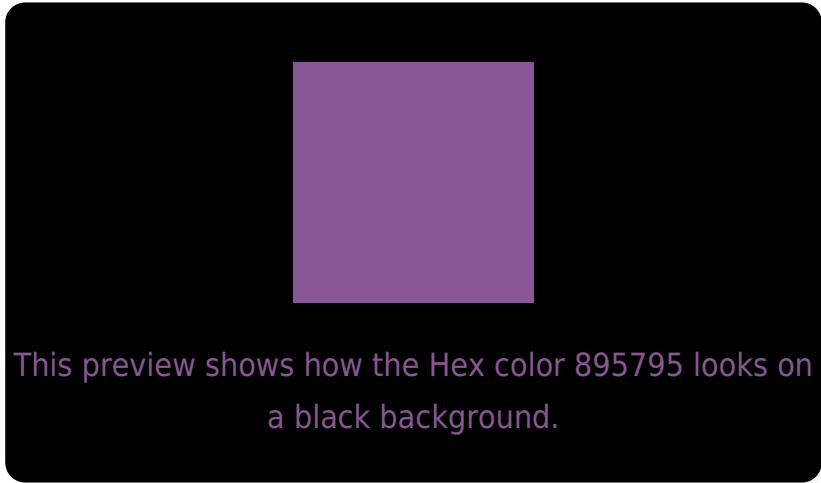
Large Text (above 18pt) WCAG AA ✓ Pass

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

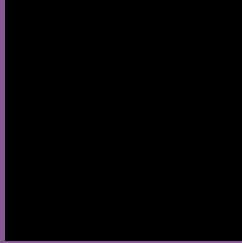
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 895795 Background



This preview shows how black text looks on a background with the Hex color 895795.

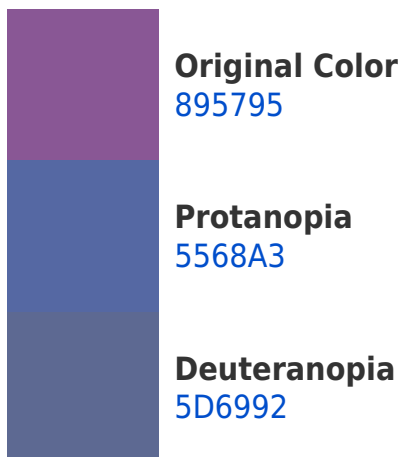


This preview shows how white text looks on a background with the Hex color 895795.

# 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](#).

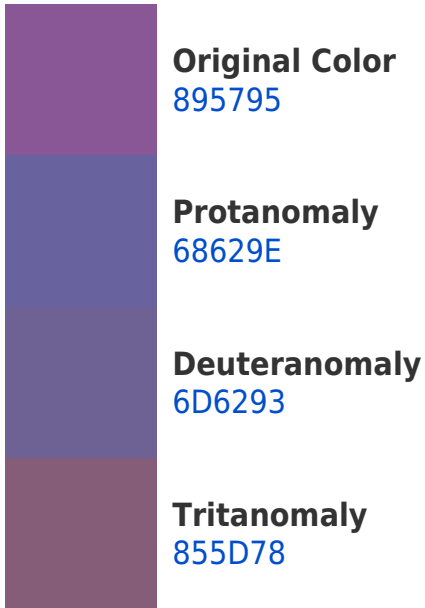
## Dichromacy



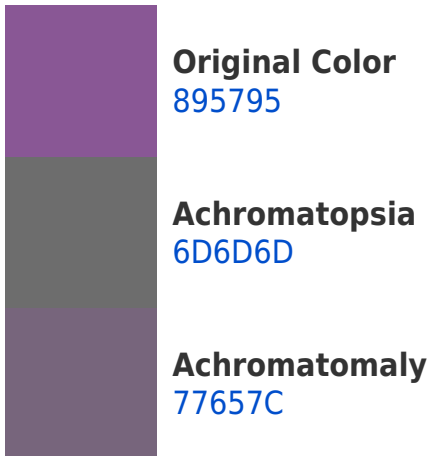


**Tritanopia**  
836168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 895795 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 #895795 looks like.

```
.text, #text, p{  
    color:#895795  
}
```

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 #895795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #895795
}
```

## Border

The CSS property to change the border of an element to Hex 895795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

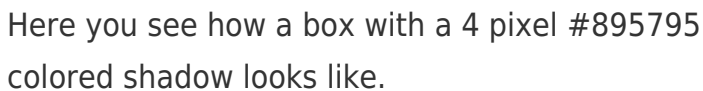
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#895795 }
```

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

```
.border{ border-color:#895795 }
```

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



Here you see how a box with a 4 pixel #895795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #895795; -webkit-box-shadow:4px 4px  
4px 4px #895795; box-shadow:4px 4px 4px  
4px #895795 }
```

# Background

The CSS property to change the background color of an element to Hex 895795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#895795 }
```

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

```
.background{ background-color:#895795 }
```

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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