

# Converting Colors

Hex(854890)

Have a look what the booklet for  
Hex(854890) contains.

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# Color

**Hex(854890)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	854890
RGB	133, 72, 144
RGB Percent	52%, 28%, 56%
CMY	0.4784, 0.7176, 0.4353
CMYK	0.08, 0.50, 0.00, 0.44
HSL	291°, 33%, 42%
HSV	291°, 50%, 56%
XYZ	17.0243, 11.6349, 27.7340
YIQ	98.4470, 13.2440, 35.3240

# Conversions

## Conversions Part 2

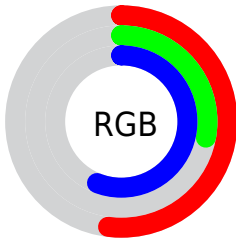
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 72, 144
Decimal	8734864
CIE <sub>Lab</sub>	40.63, 37.75, -29.14
CIE <sub>LCh</sub>	41, 47.692, 322.335
Yxy	11.6349, 0.3019, 0.2063
Android (android.graphics.Color)	4286924944 (0xFF854890)
YUV	98.4470, 22.4576, 30.3030
Hunter-Lab	34.1100, 29.3969, -24.3304

# Details

The Hex color **854890** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **539048**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BC7BC6**, and **51175D** is the 20% darker color. If you saturate the color by 10%, you get **833A90**, and if you desaturate by 10%, it is **875690**.

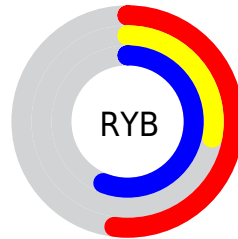
# Distribution



Red (52%)

Green (28%)

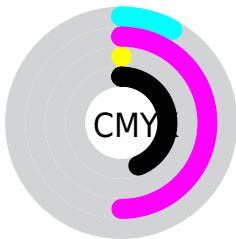
Blue (56%)



Red (52%)

Yellow (28%)

Blue (56%)

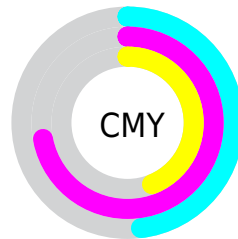


Cyan (8%)

Magenta (50%)

Yellow (0%)

Black (44%)



Cyan (48%)

Magenta (72%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 854890 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 854890 by changing the saturation by 10% instead.




 854890

 854890

FFFFFF

 6B3076

 BC7BC6

 51175D

 D895E2

 380045

 F5B0FF

 25002F

 FFCCFF

 000119

 FFE9FF


 000000

 854890

 854890

 833A90

 875690

 812B90

 896590

 7E1D90

 8C7390

 7C0E90

 8E8290

 7A0090

 909090

 929E90

 94AD90

 97BB90

 99CA90

# Harmonies

## Analogous

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



4C5AA8



854890



A13A6C

# Triad

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



854890



7B5A04



00727C

# Complementary

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



854890



539048

# 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.



007154



854890



57660B

# Square

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



854890



974A22



226E2D



006F9D

# Rectangle

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



854890



A63951



226E2D



00726F



# Sweetspot

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



854890



B69EBA



485490



5C4D5E



DEDEDE



5E5E5E



# Same Dimension

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



854890



A94ABA



904878



464047



730087



060008



# Inverse Universe

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



904853



BA4A5C



489060



474041



870015

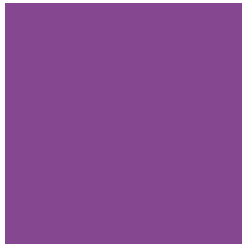


080001



# Previews

## White Background



This preview shows how the Hex color 854890 looks on a white background.

## Color Contrast Check

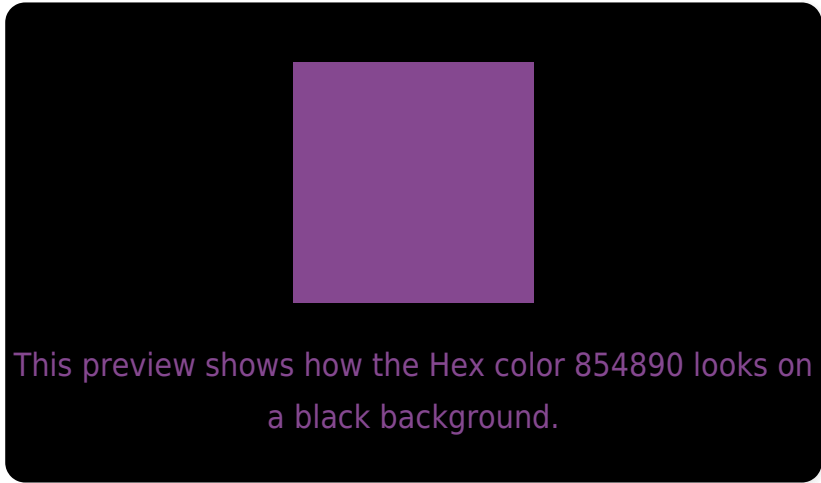
Large Text (above 18pt) WCAG AA ✓ Pass

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

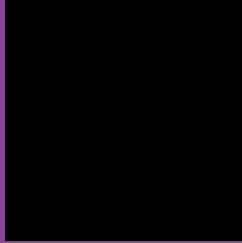
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 854890 Background



This preview shows how black text looks on a background with the Hex color 854890.

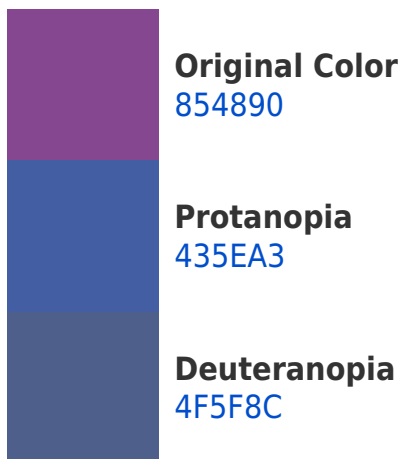


This preview shows how white text looks on a background with the Hex color 854890.

# 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](#).

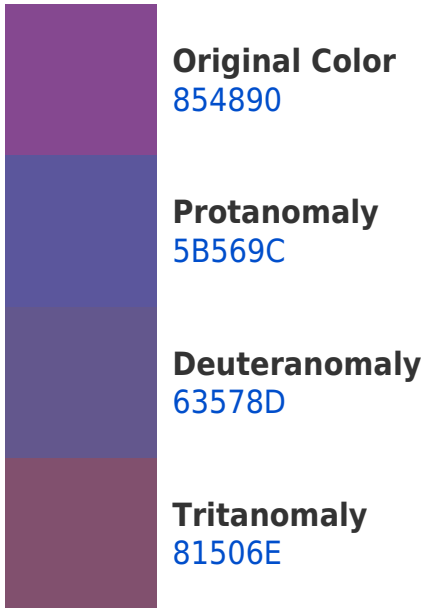
## Dichromacy



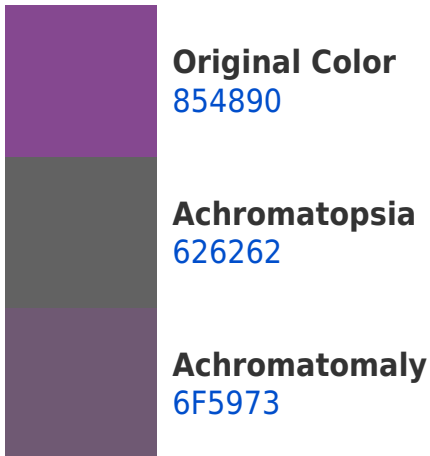


**Tritanopia**  
7E555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 854890 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 #854890 looks like.

```
.text, #text, p{  
    color:#854890  
}
```

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 #854890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #854890
}
```

## Border

The CSS property to change the border of an element to Hex 854890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

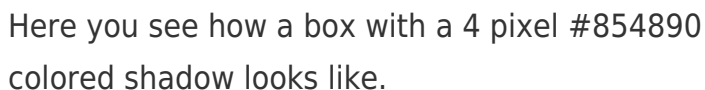
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#854890 }
```

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

```
.border{ border-color:#854890 }
```

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



Here you see how a box with a 4 pixel #854890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #854890; -webkit-box-shadow:4px 4px  
4px 4px #854890; box-shadow:4px 4px 4px  
4px #854890 }
```

# Background

The CSS property to change the background color of an element to Hex 854890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#854890 }
```

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

```
.background{ background-color:#854890 }
```

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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