

# Converting Colors

Hex(833F84)

Have a look what the booklet for  
Hex(833F84) contains.

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# Color

**Hex(833F84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	833F84
RGB	131, 63, 132
RGB Percent	51%, 25%, 52%
CMY	0.4863, 0.7529, 0.4824
CMYK	0.01, 0.52, 0.00, 0.48
HSL	299°, 35%, 38%
HSV	299°, 52%, 52%
XYZ	15.3024, 10.0463, 22.9624
YIQ	91.1980, 18.3790, 35.8750

# Conversions

## Conversions Part 2

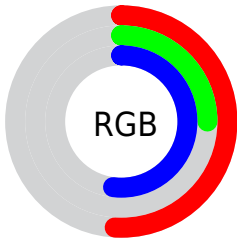
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 63, 132
Decimal	8601476
CIE <sub>Lab</sub>	37.93, 39.57, -26.07
CIE <sub>LCh</sub>	38, 47.386, 326.619
Yxy	10.0463, 0.3167, 0.2079
Android (android.graphics.Color)	4286791556 (0xFF833F84)
YUV	91.1980, 20.1154, 34.9064
Hunter-Lab	31.6958, 30.7104, -20.7662

# Details

The Hex color **833F84** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40843F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **BA72B9**, and **4F0A52** is the 20% darker color. If you saturate the color by 10%, you get **833284**, and if you desaturate by 10%, it is **834C84**.

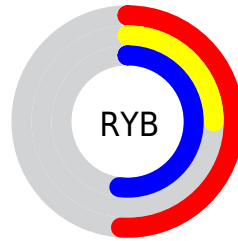
# Distribution



Red (51%)

Green (25%)

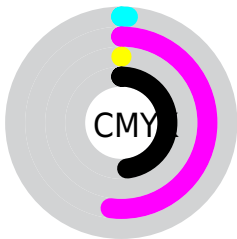
Blue (52%)



Red (51%)

Yellow (25%)

Blue (52%)

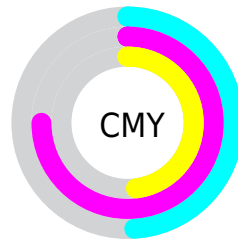


Cyan (1%)

Magenta (52%)

Yellow (0%)

Black (48%)



Cyan (49%)

Magenta (75%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 833F84 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 833F84 by changing the saturation by 10% instead.



 833F84

 833F84

FFFFFF

 69266B

 BA72B9

 4F0A52

 D68CD5

 36003B

 F3A7F2

 220025

 FFC3FF

 00010D

 FFDFFF

 000000

 FFFCFF

 833F84

 833F84

 833284

 834C84

832584

835984

821784

846784

820A84

847484

820084

848184

848E84

849B84

85A984

85B684

# Harmonies

## Analogous

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



50519E



833F84



9A325F

# Triad

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



833F84



6F5600



006B7B

# Complementary

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



833F84



40843F

# 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.



006B54



833F84



4A6107

# Square

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



833F84



8C4617



07682C



006799

# Rectangle

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



833F84



9E3346



07682C



006B6E



# Sweetspot

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



833F84



AA90AB



3F4084



564657



D6D6D6



575757



# Same Dimension

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



833F84



A93FAB



843F63



423C42



800082



030003



# Inverse Universe

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



843F40



AB3F41



3F8460



423C3C



820002



030000



# Previews

## White Background



This preview shows how the Hex color 833F84 looks on a white background.

## Color Contrast Check

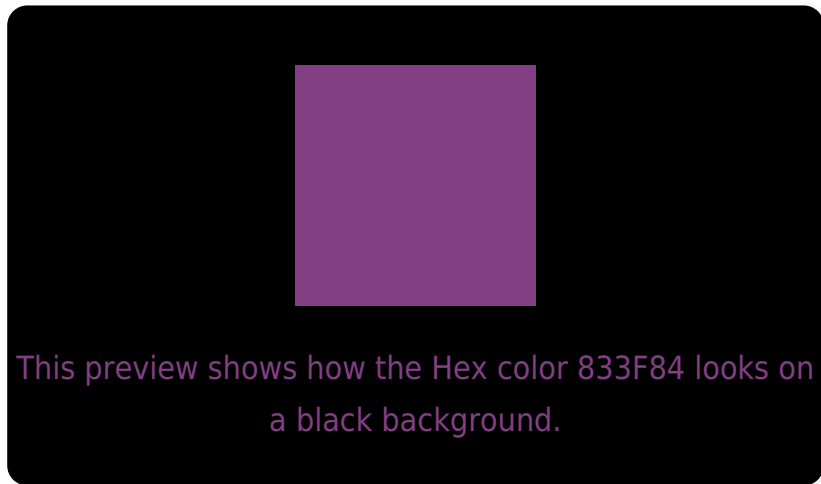
Large Text (above 18pt) WCAG AA ✓ Pass

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

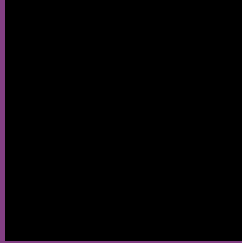
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 833F84 Background



This preview shows how black text looks on a background with the Hex color 833F84.




This preview shows how white text looks on a background with the Hex color 833F84.

# 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**  
7D4C51

# Trichromacy



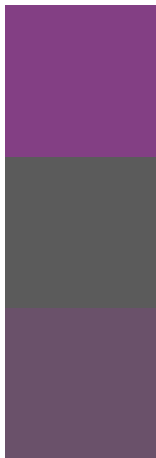
**Original Color**  
833F84

**Protanomaly**  
564F92

**Deuteranomaly**  
605081

**Tritanomaly**  
7F4764

# Monochromacy



**Original Color**  
833F84

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
6A516A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 833F84 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 #833F84 looks like.

```
.text, #text, p{  
    color:#833F84  
}
```

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 #833F84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833F84
}
```

## Border

The CSS property to change the border of an element to Hex 833F84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

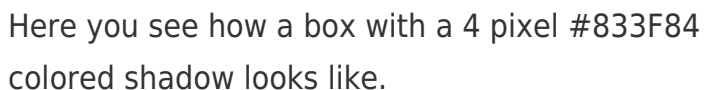
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833F84 }
```

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

```
.border{ border-color:#833F84 }
```

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



Here you see how a box with a 4 pixel #833F84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833F84; -webkit-box-shadow:4px 4px  
4px 4px #833F84; box-shadow:4px 4px 4px  
4px #833F84 }
```

# Background

The CSS property to change the background color of an element to Hex 833F84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833F84 }
```

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

```
.background{ background-color:#833F84 }
```

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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