

# Converting Colors

Hex(833474)

Have a look what the booklet for  
Hex(833474) contains.

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# Color

**Hex(833474)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	833474
RGB	131, 52, 116
RGB Percent	51%, 20%, 45%
CMY	0.4863, 0.7961, 0.5451
CMYK	0.00, 0.60, 0.11, 0.49
HSL	311°, 43%, 36%
HSV	311°, 60%, 51%
XYZ	13.7404, 8.5422, 17.4476
YIQ	82.9170, 26.5400, 36.6520

# Conversions

## Conversions Part 2

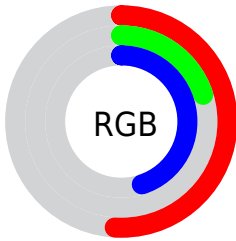
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 52, 116
Decimal	8598644
CIE <sub>Lab</sub>	35.09, 42.21, -20.55
CIE <sub>LCh</sub>	35, 46.948, 334.042
Yxy	8.5422, 0.3458, 0.2150
Android (android.graphics.Color)	4286788724 (0xFF833474)
YUV	82.9170, 16.3099, 42.1688
Hunter-Lab	29.2271, 32.7703, -14.9352

# Details

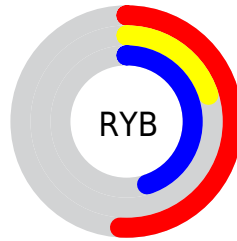
The Hex color **833474** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **348343**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **BA67A8**, and **4F0044** is the 20% darker color. If you saturate the color by 10%, you get **832772**, and if you desaturate by 10%, it is **834176**.

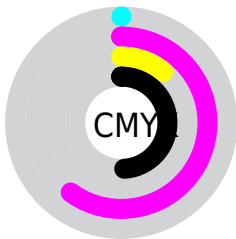
# Distribution



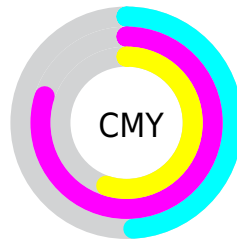
- Red (51%)
- Green (20%)
- Blue (45%)



- Red (51%)
- Yellow (20%)
- Blue (45%)



- Cyan (0%)
- Magenta (60%)
- Yellow (11%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 833474 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 833474 by changing the saturation by 10% instead.



 833474

 833474

FFFFFF

 68195B

 BA67A8

 4F0044

 D781C4

 36002D

 F49CE0

 1D0018

 FFB8FC

 000000

 FFD4FF

 FFF1FF

 833474

 833474

 832772

 834176

831A6F

834E79

830D6D

835B7B

83006A

83687E

837680

838383

839085

839D88

83AA8A

# Harmonies

## Analogous

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



594691



833474



942A4F

# Triad

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



833474



5F5300



00637C

# Complementary

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



833474



348343

# 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.



006457



833474



395C09

# Square

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



833474



7D4408



006130



005F96

# Rectangle

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



833474



942F36



006130



006470



# Sweetspot

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



833474



AB8CA5



423483



574453



D6D6D6



575757



# Same Dimension

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



833474



AB3093



83344D



423C41



820069



030002



# Inverse Universe

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



833474



AB3093



34836A



423C41



820069



030002



# Previews

## White Background



This preview shows how the Hex color 833474 looks on a white background.

## Color Contrast Check

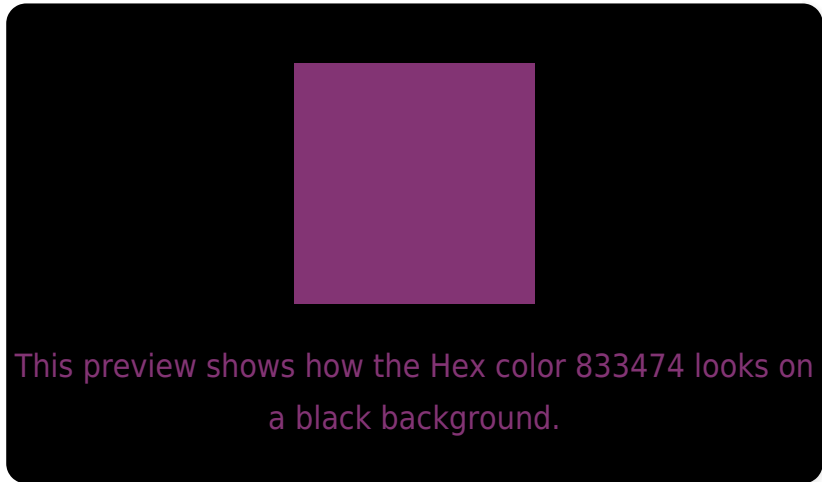
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

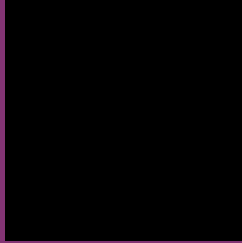
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 833474 Background



This preview shows how black text looks on a background with the Hex color 833474.




This preview shows how white text looks on a background with the Hex color 833474.

# 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**  
7E4045

# Trichromacy



**Original Color**  
833474

**Protanomaly**  
554683

**Deuteranomaly**  
604771

**Tritanomaly**  
803C56

# Monochromacy



**Original Color**  
833474

**Achromatopsia**  
535353

**Achromatomaly**  
64485F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 833474 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 #833474 looks like.

```
.text, #text, p{  
    color:#833474  
}
```

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 #833474 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833474
}
```

## Border

The CSS property to change the border of an element to Hex 833474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

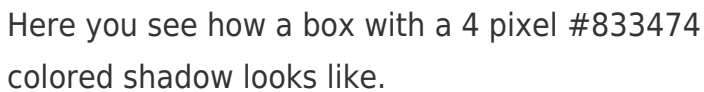
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833474 }
```

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

```
.border{ border-color:#833474 }
```

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



Here you see how a box with a 4 pixel #833474 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833474; -webkit-box-shadow:4px 4px  
4px 4px #833474; box-shadow:4px 4px 4px  
4px #833474 }
```

# Background

The CSS property to change the background color of an element to Hex 833474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833474 }
```

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

```
.background{ background-color:#833474 }
```

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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