

# Converting Colors

Hex(883450)

Have a look what the booklet for  
Hex(883450) contains.

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# Color

**Hex(883450)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	883450
RGB	136, 52, 80
RGB Percent	53%, 20%, 31%
CMY	0.4667, 0.7961, 0.6863
CMYK	0.00, 0.62, 0.41, 0.47
HSL	340°, 45%, 37%
HSV	340°, 62%, 53%
XYZ	12.8293, 8.2694, 8.5094
YIQ	80.3080, 41.0760, 26.5160

# Conversions

## Conversions Part 2

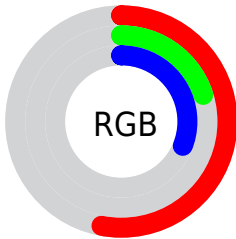
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 52, 80
Decimal	8926288
CIE Lab	34.54, 38.65, 1.63
CIE LCh	35, 38.682, 2.409
Yxy	8.2694, 0.4333, 0.2793
Android (android.graphics.Color)	4287116368 (0xFF883450)
YUV	80.3080, -0.1518, 48.8419
Hunter-Lab	28.7566, 29.3110, 2.5850

# Details

The Hex color **883450** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **34886C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C06781**, and **520024** is the 20% darker color. If you saturate the color by 10%, you get **882647**, and if you desaturate by 10%, it is **884259**.

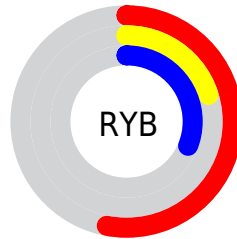
# Distribution



Red (53%)

Green (20%)

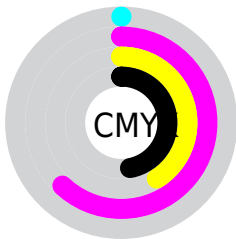
Blue (31%)



Red (53%)

Yellow (20%)

Blue (31%)

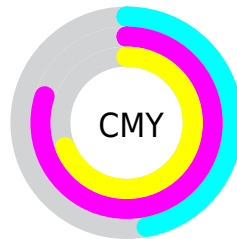


Cyan (0%)

Magenta (62%)

Yellow (41%)

Black (47%)



Cyan (47%)

Magenta (80%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 883450 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 883450 by changing the saturation by 10% instead.



 883450

 883450

FFFFFF

 6D1A39

 C06781

 520024

 DD819B

 39000E

 FB9CB6

 1D0001

 FFB7D1

 000000

 FFD3EE

 FFF0FF

 883450

 883450

 882647

 884259

88193E

884F62

880B35

885D6B

88002D

886A74

88787D

888686

88938F

88A199

88AEA2

# Harmonies

## Analogous

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



783B6E



883450



863932

# Triad

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



883450



405919



005C87

# Complementary

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



883450



34886C

# 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.



005F71



883450



095E33

# Square

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



883450



5F510C



006053



00548F

# Rectangle

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



883450



7E4121



006053



005D81



# Sweetspot

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



883450



B08F9A



6C3488



59454C



D9D9D9



595959



# Same Dimension

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



883450



B02E59



884234



453E40



85002C



050002



# Inverse Universe

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



883450



B02E59



347A88



453E40



85002C

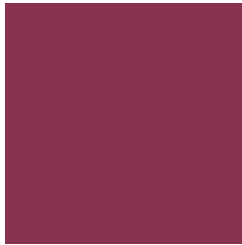


050002



# Previews

## White Background



This preview shows how the Hex color 883450 looks on a white background.

## Color Contrast Check

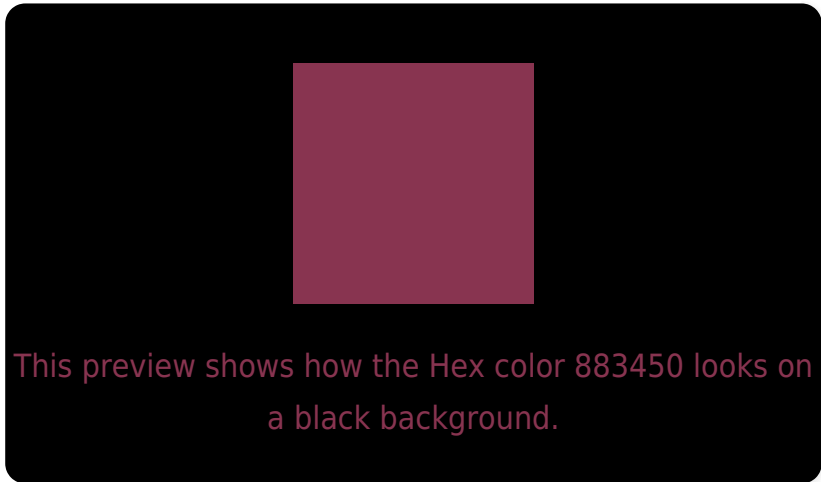
Large Text (above 18pt) WCAG AA ✓ Pass

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 883450 Background



This preview shows how black text looks on a background with the Hex color 883450.

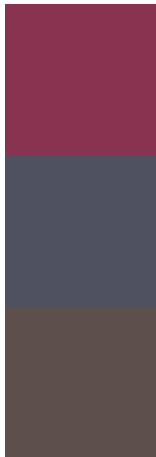


This preview shows how white text looks on a background with the Hex color 883450.

# 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**  
883450

**Protanopia**  
4F5161

**Deuteranopia**  
5C4F4C



**Tritanopia**  
87383C

# Trichromacy



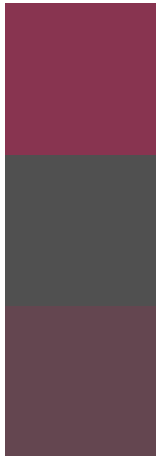
**Original Color**  
883450

**Protanomaly**  
64465B

**Deuteranomaly**  
6C454D

**Tritanomaly**  
873743

# Monochromacy



**Original Color**  
883450

**Achromatopsia**  
505050

**Achromatomaly**  
644650

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 883450 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 #883450 looks like.

```
.text, #text, p{  
    color:#883450  
}
```

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 #883450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #883450
}
```

## Border

The CSS property to change the border of an element to Hex 883450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

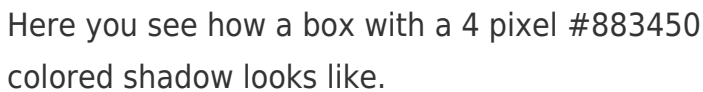
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#883450 }
```

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

```
.border{ border-color:#883450 }
```

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



Here you see how a box with a 4 pixel #883450 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #883450; -webkit-box-shadow:4px 4px  
4px 4px #883450; box-shadow:4px 4px 4px  
4px #883450 }
```

# Background

The CSS property to change the background color of an element to Hex 883450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#883450 }
```

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

```
.background{ background-color:#883450 }
```

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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