

# Converting Colors

Hex(883160)

Have a look what the booklet for  
Hex(883160) contains.

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# Color

**Hex(883160)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	883160
RGB	136, 49, 96
RGB Percent	53%, 19%, 38%
CMY	0.4667, 0.8078, 0.6235
CMYK	0.00, 0.64, 0.29, 0.47
HSL	328°, 47%, 36%
HSV	328°, 64%, 53%
XYZ	13.3630, 8.2754, 11.9593
YIQ	80.3710, 36.7650, 33.0610

# Conversions

## Conversions Part 2

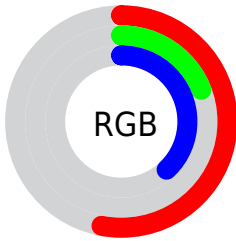
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 49, 96
Decimal	8925536
CIE <sub>Lab</sub>	34.55, 42.10, -8.63
CIE <sub>LCh</sub>	35, 42.978, 348.422
Yxy	8.2754, 0.3977, 0.2463
Android (android.graphics.Color)	4287115616 (0xFF883160)
YUV	80.3710, 7.7051, 48.7866
Hunter-Lab	28.7670, 32.5754, -4.5118

# Details

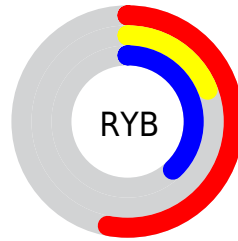
The Hex color **883160** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **318859**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C06593**, and **530032** is the 20% darker color. If you saturate the color by 10%, you get **88235A**, and if you desaturate by 10%, it is **883F66**.

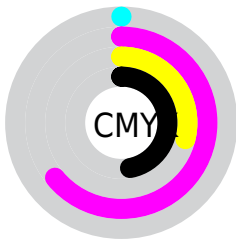
# Distribution



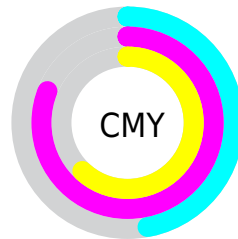
- Red (53%)
- Green (19%)
- Blue (38%)



- Red (53%)
- Yellow (19%)
- Blue (38%)



- Cyan (0%)
- Magenta (64%)
- Yellow (29%)
- Black (47%)



- Cyan (47%)
- Magenta (81%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 883160 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 883160 by changing the saturation by 10% instead.



 883160

 883160

FFFFFF

 6D1548

 C06593

 530032

 DD7FAD

 39001D

 FA9AC8

 200001

 FFB5E5

 000000

 FFD1FF

 FFEEFF

 883160

 883160

 88235A

 883F66

 881653

 884C6D

 88084D

 885A73

 880049

 886779

 88757F

 888386

 88908C

 889E92

 88AB98

# Harmonies

## Analogous

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



6D3E7F



883160



8E303E

# Triad

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



883160



4E5604



005F84

# Complementary

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



883160



318859

# 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.



006166



883160



235D21

# Square

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



883160



6D4B04



006042



005994

# Rectangle

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



883160



893828



006042



00607B



# Sweetspot

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



883160



B08FA1



583188



594550



D9D9D9



595959



# Same Dimension

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



883160



B02872



883135



453E42



850048



050003



# Inverse Universe

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



883160



B02872



318884



453E42



850048

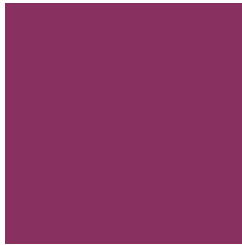


050003



# Previews

## White Background



This preview shows how the Hex color 883160 looks on a white background.

## Color Contrast Check

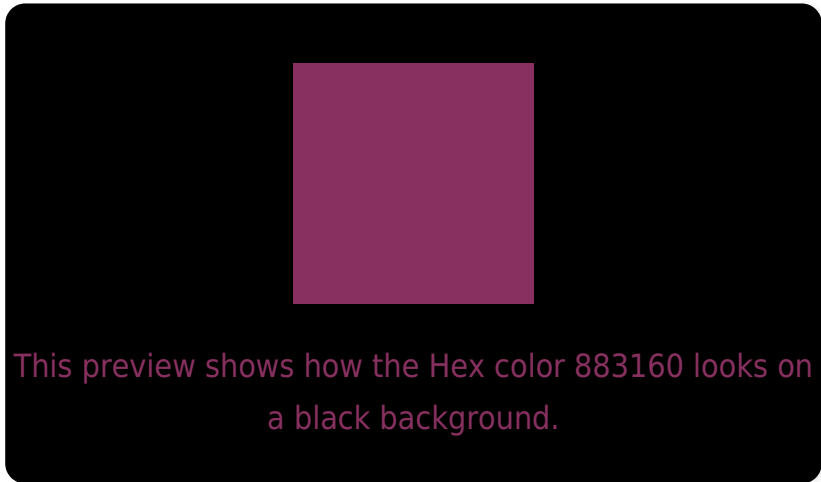
Large Text (above 18pt) WCAG AA ✓ Pass

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

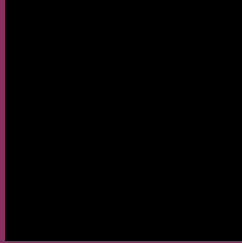
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 883160 Background



This preview shows how black text looks on a background with the Hex color 883160.



This preview shows how white text looks on a background with the Hex color 883160.

# 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**  
883160

**Protanopia**  
465176

**Deuteranopia**  
56505B



**Tritanopia**  
85393D

# Trichromacy



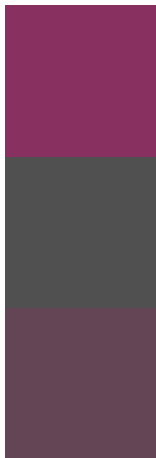
**Original Color**  
883160

**Protanomaly**  
5E456E

**Deuteranomaly**  
68455D

**Tritanomaly**  
86364A

# Monochromacy



**Original Color**  
883160

**Achromatopsia**  
505050

**Achromatomaly**  
644556

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 883160 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 #883160 looks like.

```
.text, #text, p{  
    color:#883160  
}
```

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 #883160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #883160
}
```

## Border

The CSS property to change the border of an element to Hex 883160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

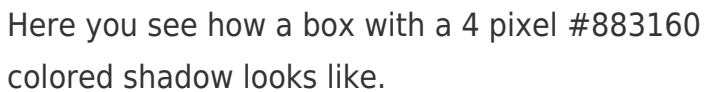
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#883160 }
```

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

```
.border{ border-color:#883160 }
```

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



Here you see how a box with a 4 pixel #883160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #883160; -webkit-box-shadow:4px 4px  
4px 4px #883160; box-shadow:4px 4px 4px  
4px #883160 }
```

# Background

The CSS property to change the background color of an element to Hex 883160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#883160 }
```

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

```
.background{ background-color:#883160 }
```

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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