

# Converting Colors

Hex(882403)

Have a look what the booklet for  
Hex(882403) contains.

<b>Hex(882403)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(882403)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	882403
RGB	136, 36, 3
RGB Percent	53%, 14%, 1%
CMY	0.4667, 0.8588, 0.9882
CMYK	0.00, 0.74, 0.98, 0.47
HSL	15°, 96%, 27%
HSV	15°, 98%, 53%
XYZ	10.8007, 6.5026, 0.7720
YIQ	62.1380, 70.1930, 10.9370

# Conversions

## Conversions Part 2

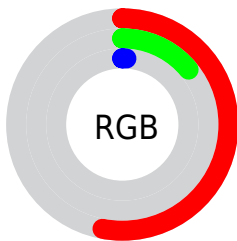
Format	Color
<a href="#">RYB</a>	<a href="#">136, 47, 3</a>
Decimal	<a href="#">8922115</a>
CIELab	<a href="#">30.65, 41.12, 41.80</a>
CIElCh	<a href="#">31, 58.632, 45.468</a>
Yxy	<a href="#">6.5026, 0.5975, 0.3598</a>
Android (android.graphics.Color)	<a href="#">4287112195 (0xFF882403)</a>
YUV	<a href="#">62.1380, -29.1550, 64.7770</a>
Hunter-Lab	<a href="#">25.5001, 30.9790, 16.0551</a>

# Details

The Hex color **882403** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **036788**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **C45833**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **882200**, and if you desaturate by 10%, it is **882E11**.

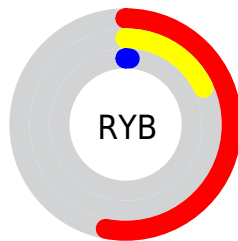
# Distribution



Red (53%)

Green (14%)

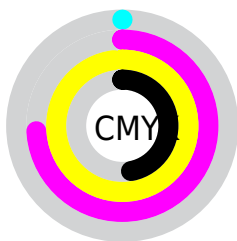
Blue (1%)



Red (53%)

Yellow (18%)

Blue (1%)

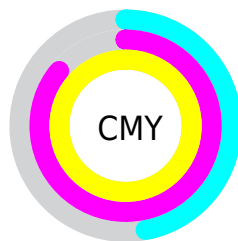


Cyan (0%)

Magenta (74%)

Yellow (98%)

Black (47%)



Cyan (47%)

Magenta (86%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 882403 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 882403 by changing the saturation by 10% instead.



 882403

 882403

 FFFFEA

 6B0300

 C45833

 4D0000

 E3724A

 340002

 FF8C63

 020000

 FFA87C

 000000

 FFC397

 FFE0B2

 FFFDCD

 882403

 882403

■ 882200

■ 882E11

■ 88381E

■ 88432C

■ 884D39

■ 885747

■ 886155

■ 886C62

■ 887670

■ 88807D

# Harmonies

## Analogous

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



950033



882403



6B3E00

# Triad

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



882403



005A2F



0046A2

# Complementary

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



882403



036788

# 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.



0054A2



882403



005B5F

# Square

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



882403



005600



005A89



652D89

# Rectangle

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



882403



524900



005A89



004CA5



# Sweetspot

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



882403



B08A7D



880369



59423A



D9D9D9



595959



# Same Dimension

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



882403



B02C00



886503



45403E



852100



050100



# Inverse Universe

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



036788



0084B0



032688



3E4345



006485

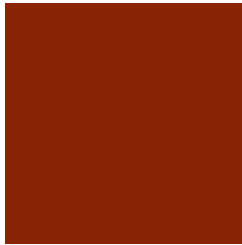


000405



# Previews

## White Background



This preview shows how the Hex color 882403 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

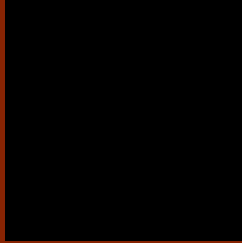
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 882403 Background



This preview shows how black text looks on a background with the Hex color 882403.



This preview shows how white text looks on a background with the Hex color 882403.

# 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**  
882403

**Protanopia**  
534A10

**Deuteranopia**  
5D4600



# Trichromacy



**Original Color**  
882403

**Protanomaly**  
663C0B

**Deuteranomaly**  
6D3A01

**Tritanomaly**  
882317

# Monochromacy



**Original Color**  
882403

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
593529

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 882403 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 #882403 looks like.

```
.text, #text, p{  
    color:#882403  
}
```

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 #882403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #882403
}
```

## Border

The CSS property to change the border of an element to Hex 882403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

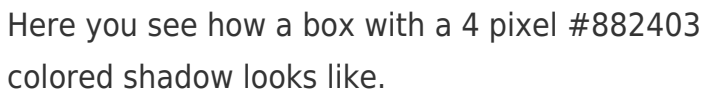
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#882403 }
```

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

```
.border{ border-color:#882403 }
```

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



Here you see how a box with a 4 pixel #882403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #882403; -webkit-box-shadow:4px 4px  
4px 4px #882403; box-shadow:4px 4px 4px  
4px #882403 }
```

# Background

The CSS property to change the background color of an element to Hex 882403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#882403 }
```

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

```
.background{ background-color:#882403 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor