

# Converting Colors

Hex(882050)

Have a look what the booklet for  
Hex(882050) contains.

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# Color

**Hex(882050)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	882050
RGB	136, 32, 80
RGB Percent	53%, 13%, 31%
CMY	0.4667, 0.8745, 0.6863
CMYK	0.00, 0.76, 0.41, 0.47
HSL	332°, 62%, 33%
HSV	332°, 76%, 53%
XYZ	12.1178, 6.8465, 8.2722
YIQ	68.5680, 46.5760, 36.9760

# Conversions

## Conversions Part 2

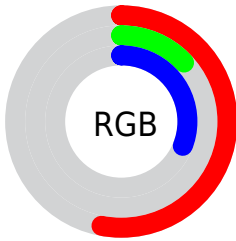
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 32, 80
Decimal	8921168
CIE <sub>Lab</sub>	31.45, 47.10, -2.89
CIE <sub>LCh</sub>	31, 47.193, 356.491
Yxy	6.8465, 0.4449, 0.2514
Android (android.graphics.Color)	4287111248 (0xFF882050)
YUV	68.5680, 5.6360, 59.1379
Hunter-Lab	26.1657, 36.8766, -0.4284

# Details

The Hex color **882050** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **208858**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C15781**, and **510024** is the 20% darker color. If you saturate the color by 10%, you get **881249**, and if you desaturate by 10%, it is **882E57**.

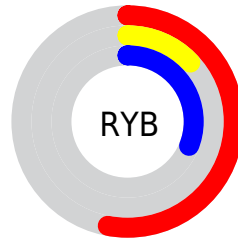
# Distribution



Red (53%)

Green (13%)

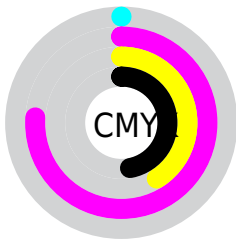
Blue (31%)



Red (53%)

Yellow (13%)

Blue (31%)

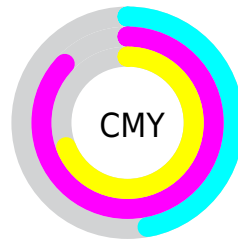


Cyan (0%)

Magenta (76%)

Yellow (41%)

Black (47%)



Cyan (47%)

Magenta (87%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 882050 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 882050 by changing the saturation by 10% instead.



 882050

 882050

FFFFFF

 6C0039

 C15781

 510024

 DE719B

 39000E

 FC8CB6

 160000

 FFA8D1

 000000

 FFC4EE

 FFE0FF

 FFFEFF

 882050

 882050

■ 881249

■ 882E57

■ 880541

■ 883B5F

■ 88003F

■ 884966

■ 88566D

■ 886475

■ 88727C

■ 887F83

■ 888D8B

■ 889A92

# Harmonies

## Analogous

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



722F73



882050



89262C

# Triad

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



882050



3A5100



005888

# Complementary

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



882050



208858

# 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.



005A6A



882050



00571E

# Square

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



882050



5E4700



005A44



005094

# Rectangle

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



882050



803114



005A44



00597F



# Sweetspot

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



882050



B0879A



572088



59404C



D9D9D9



595959



# Same Dimension

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



882050



B00E59



882320



453E41



85003D



050002



# Inverse Universe

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



882050



B00E59



208588



453E41



85003D

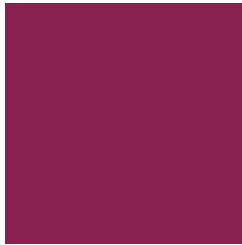


050002



# Previews

## White Background



This preview shows how the Hex color 882050 looks on a white background.

## Color Contrast Check

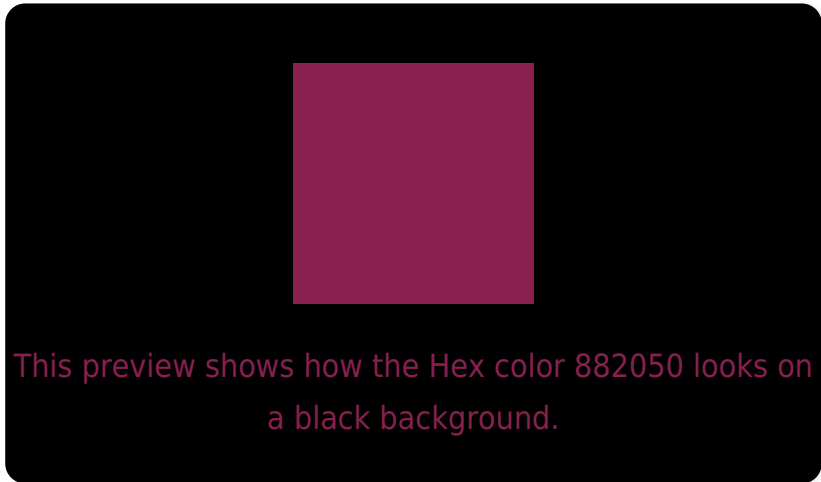
Large Text (above 18pt) WCAG AA ✓ Pass

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 882050 Background



This preview shows how black text looks on a background with the Hex color 882050.

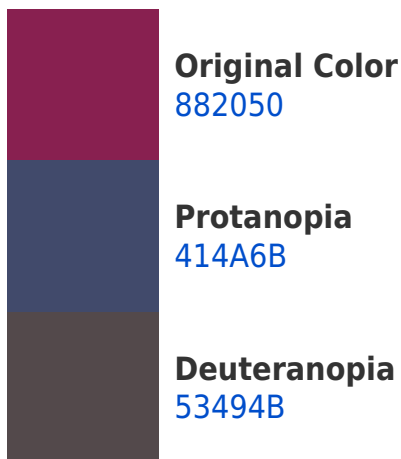


This preview shows how white text looks on a background with the Hex color 882050.

# 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





# Trichromacy



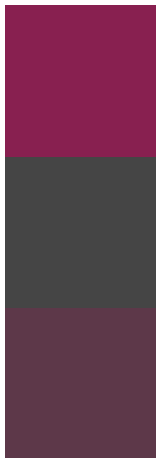
**Original Color**  
882050

**Protanomaly**  
5B3B61

**Deuteranomaly**  
663A4D

**Tritanomaly**  
872639

# Monochromacy



**Original Color**  
882050

**Achromatopsia**  
454545

**Achromatomaly**  
5D3849

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 882050 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 #882050 looks like.

```
.text, #text, p{  
    color:#882050  
}
```

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 #882050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #882050
}
```

## Border

The CSS property to change the border of an element to Hex 882050 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
#882050 }
```

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

```
.border{ border-color:#882050 }
```

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

Here you see how a box with a 4 pixel #882050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #882050; -webkit-box-shadow:4px 4px  
4px 4px #882050; box-shadow:4px 4px 4px  
4px #882050 }
```

# Background

The CSS property to change the background color of an element to Hex 882050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#882050 }
```

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

```
.background{ background-color:#882050 }
```

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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