

# Converting Colors

Hex(891450)

Have a look what the booklet for  
Hex(891450) contains.

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# Color

**Hex(891450)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	891450
RGB	137, 20, 80
RGB Percent	54%, 8%, 31%
CMY	0.4627, 0.9216, 0.6863
CMYK	0.00, 0.85, 0.42, 0.46
HSL	329°, 75%, 31%
HSV	329°, 85%, 54%
XYZ	12.0147, 6.3979, 8.1911
YIQ	61.8230, 50.4720, 43.4640

# Conversions

## Conversions Part 2

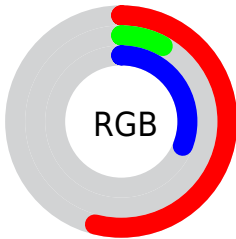
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 20, 80
Decimal	8983632
CIE <sub>Lab</sub>	30.39, 50.96, -4.44
CIE <sub>LCh</sub>	30, 51.150, 355.023
Yxy	6.3979, 0.4516, 0.2405
Android (android.graphics.Color)	4287173712 (0xFF891450)
YUV	61.8230, 8.9613, 65.9302
Hunter-Lab	25.2940, 40.5230, -1.4944

# Details

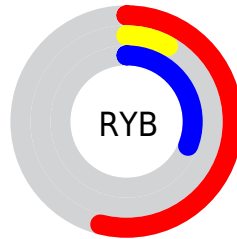
The Hex color **891450** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14894D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **C24F81**, and **520024** is the 20% darker color. If you saturate the color by 10%, you get **890649**, and if you desaturate by 10%, it is **892257**.

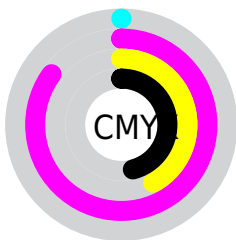
# Distribution



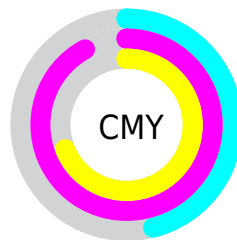
- Red (54%)
- Green (8%)
- Blue (31%)



- Red (54%)
- Yellow (8%)
- Blue (31%)



- Cyan (0%)
- Magenta (85%)
- Yellow (42%)
- Black (46%)



- Cyan (46%)
- Magenta (92%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 891450 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 891450 by changing the saturation by 10% instead.



 891450

 891450

FFFFFF

 6D0039

 C24F81

 520024

 E06A9B

 3A000E

 FE85B6

 150000

 FFA1D1

 000000

 FFBDEE

 FFDAFF

 FFF7FF

 891450

 891450

■ 890649

■ 892257

■ 890046

■ 892F5D

■ 893D64

■ 894B6B

■ 895971

■ 896678

■ 89747F

■ 898285

■ 898F8C

# Harmonies

## Analogous

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



702A76



891450



8B1B29

# Triad

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



891450



384F00



005689

# Complementary

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



891450



14894D

# 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.



005968



891450



005515

# Square

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



891450



5E4400



00583F



004F98

# Rectangle

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



891450



812A0F



00583F



005880



# Sweetspot

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



891450



B3849C



4D1489



593E4C



D9D9D9



595959



# Same Dimension

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



891450



B3005C



891416



453E41



850044



050003



# Inverse Universe

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



891450



B3005C



148987



453E41



850044

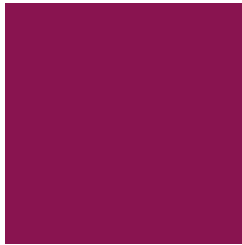


050003



# Previews

## White Background



This preview shows how the Hex color 891450 looks on a white background.

## Color Contrast Check

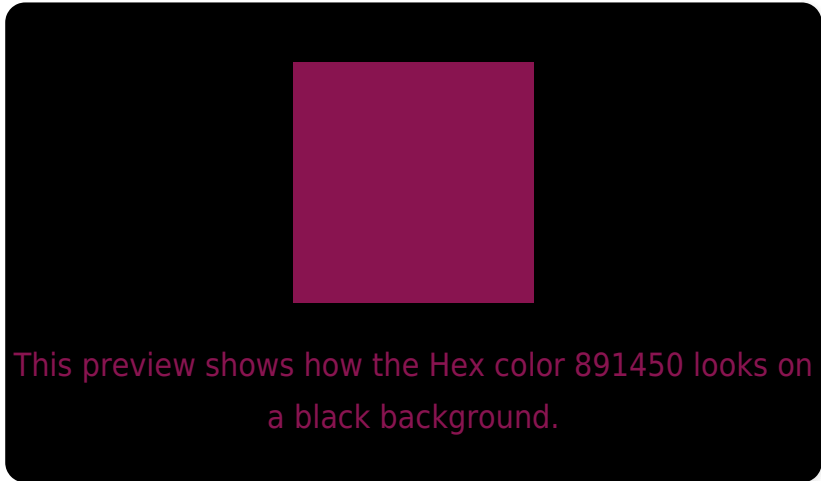
Large Text (above 18pt) WCAG AA ✓ Pass

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 891450 Background



This preview shows how black text looks on a background with the Hex color 891450.

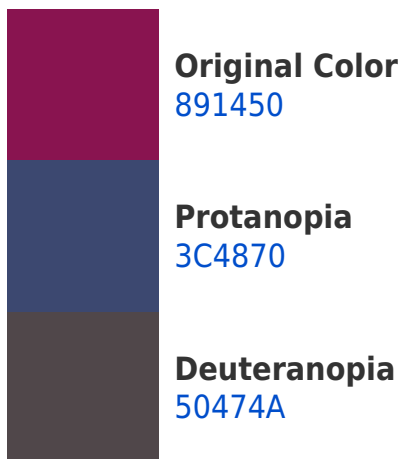


This preview shows how white text looks on a background with the Hex color 891450.

# 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**  
891450

**Protanomaly**  
583564

**Deuteranomaly**  
65344C

**Tritanomaly**  
881E35

# Monochromacy



**Original Color**  
891450

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
592F45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 891450 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 #891450 looks like.

```
.text, #text, p{  
    color:#891450  
}
```

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 #891450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #891450
}
```

## Border

The CSS property to change the border of an element to Hex 891450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

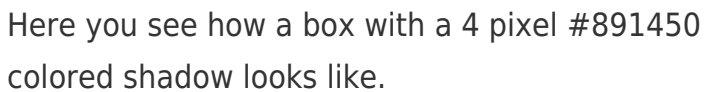
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#891450 }
```

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

```
.border{ border-color:#891450 }
```

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



Here you see how a box with a 4 pixel #891450 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #891450; -webkit-box-shadow:4px 4px  
4px 4px #891450; box-shadow:4px 4px 4px  
4px #891450 }
```

# Background

The CSS property to change the background color of an element to Hex 891450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#891450 }
```

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

```
.background{ background-color:#891450 }
```

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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