

# Converting Colors

Hex(890A54)

Have a look what the booklet for  
Hex(890A54) contains.

<b>Hex(890A54)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(890A54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	890A54
RGB	137, 10, 84
RGB Percent	54%, 4%, 33%
CMY	0.4627, 0.9608, 0.6706
CMYK	0.00, 0.93, 0.39, 0.46
HSL	325°, 86%, 29%
HSV	325°, 93%, 54%
XYZ	12.0253, 6.1755, 8.9457
YIQ	56.4090, 51.9380, 49.9380

# Conversions

## Conversions Part 2

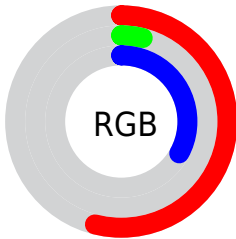
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 10, 84
Decimal	8981076
CIE <sub>Lab</sub>	29.85, 53.37, -7.89
CIE <sub>LCh</sub>	30, 53.955, 351.589
Yxy	6.1755, 0.4430, 0.2275
Android (android.graphics.Color)	4287171156 (0xFF890A54)
YUV	56.4090, 13.6024, 70.6783
Hunter-Lab	24.8506, 42.8881, -3.9477

# Details

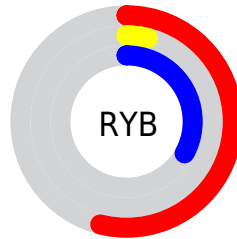
The Hex color **890A54** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0A893F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **C24B86**, and **520027** is the 20% darker color. If you saturate the color by 10%, you get **890050**, and if you desaturate by 10%, it is **89185A**.

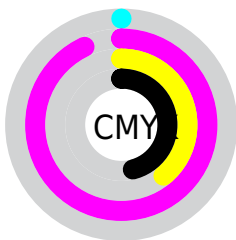
# Distribution



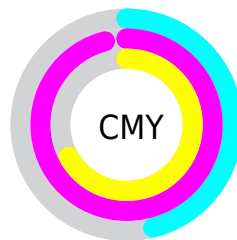
- Red (54%)
- Green (4%)
- Blue (33%)



- Red (54%)
- Yellow (4%)
- Blue (33%)



- Cyan (0%)
- Magenta (93%)
- Yellow (39%)
- Black (46%)



- Cyan (46%)
- Magenta (96%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 890A54 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 890A54 by changing the saturation by 10% instead.



 890A54

 890A54

FFFFFF

 6D003D

 C24B86

 520027

 E066A0

 3A0013

 FE82BB

 150000

 FF9ED6

 000000

 FFBAF3

 FFD6FF

 FFF4FF

 890A54

 890A54

■ 890050

■ 89185A

■ 89255F

■ 893365

■ 89416B

■ 894E71

■ 895C76

■ 896A7C

■ 897882

■ 898587

# Harmonies

## Analogous

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



6C297B



890A54



8D0F2B

# Triad

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



890A54



3B4D00



005688

# Complementary

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



890A54



0A893F

# 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.



005864



890A54



005408

# Square

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



890A54



614000



005739



004F9A

# Rectangle

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



890A54



84230F



005739



00577E



# Sweetspot

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



890A54



B3819E



3F0A89



593B4D



D9D9D9



595959



# Same Dimension

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



890A54



B30068



890A15



453E42



85004D



050003



# Inverse Universe

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



890A54



B30068



0A897E



453E42



85004D

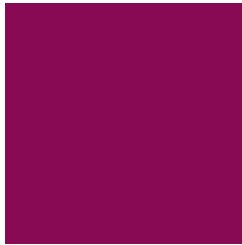


050003



# Previews

## White Background



This preview shows how the Hex color 890A54 looks on a white background.

## Color Contrast Check

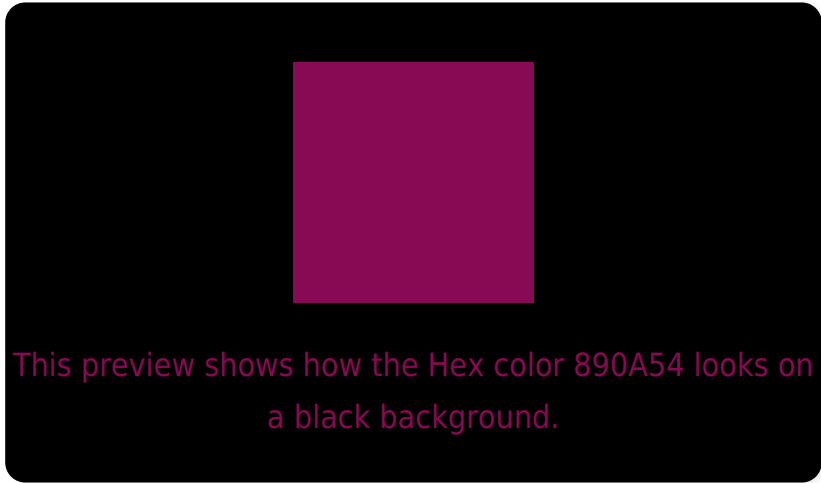
Large Text (above 18pt) WCAG AA ✓ Pass

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 890A54 Background



This preview shows how black text looks on a background with the Hex color 890A54.



This preview shows how white text looks on a background with the Hex color 890A54.

# 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**  
890A54

**Protanomaly**  
54316B

**Deuteranomaly**  
633150

**Tritanomaly**  
871935

# Monochromacy



**Original Color**  
890A54

**Achromatopsia**  
383838

**Achromatomaly**  
552742

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 890A54 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 #890A54 looks like.

```
.text, #text, p{  
    color:#890A54  
}
```

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 #890A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #890A54
}
```

## Border

The CSS property to change the border of an element to Hex 890A54 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
#890A54 }
```

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

```
.border{ border-color:#890A54 }
```

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

Here you see how a box with a 4 pixel #890A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #890A54; -webkit-box-shadow:4px 4px  
4px 4px #890A54; box-shadow:4px 4px 4px  
4px #890A54 }
```

# Background

The CSS property to change the background color of an element to Hex 890A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#890A54 }
```

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

```
.background{ background-color:#890A54 }
```

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