

# Converting Colors

Hex(890C78)

Have a look what the booklet for  
Hex(890C78) contains.

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**Color**

**Hex(890C78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	890C78
RGB	137, 12, 120
RGB Percent	54%, 5%, 47%
CMY	0.4627, 0.9529, 0.5294
CMYK	0.00, 0.91, 0.12, 0.46
HSL	308°, 84%, 29%
HSV	308°, 91%, 54%
XYZ	13.8382, 6.9374, 18.3790
YIQ	61.6870, 39.8320, 60.0880

# Conversions

## Conversions Part 2

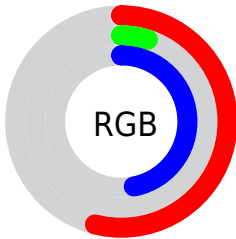
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 12, 120
Decimal	8981624
CIE <sub>Lab</sub>	31.66, 57.59, -28.35
CIE <sub>LCh</sub>	32, 64.190, 333.788
Yxy	6.9374, 0.3534, 0.1772
Android (android.graphics.Color)	4287171704 (0xFF890C78)
YUV	61.6870, 28.7483, 66.0495
Hunter-Lab	26.3389, 47.6889, -22.9347

# Details

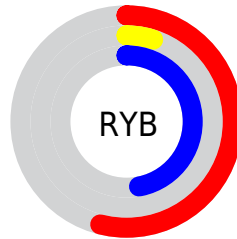
The Hex color **890C78** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **0C891D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **C24EAD**, and **530047** is the 20% darker color. If you saturate the color by 10%, you get **890076**, and if you desaturate by 10%, it is **891A7A**.

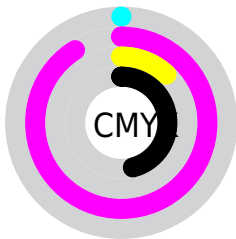
# Distribution



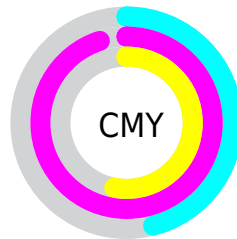
- Red (54%)
- Green (5%)
- Blue (47%)



- Red (54%)
- Yellow (5%)
- Blue (47%)



- Cyan (0%)
- Magenta (91%)
- Yellow (12%)
- Black (46%)



- Cyan (46%)
- Magenta (95%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 890C78 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 890C78 by changing the saturation by 10% instead.



 890C78

 890C78

FFFFFF

 6E005F

 C24EAD

 530047

 DF69C8

 3A0030

 FD85E4

 1D001A

 FFA1FF

 000000

 FFBDFD

 FFDAFF

 FFF7FF

 890C78

 890C78

■ 890076

■ 891A7A

■ 89277C

■ 89357E

■ 89437F

■ 895181

■ 895E83

■ 896C85

■ 897A87

■ 898789

# Harmonies

## Analogous

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



4B39A0



890C78



9E0047

# Triad

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



890C78



564B00



005F82

# Complementary

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



890C78



0C891D

# 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.



005E50



890C78



1F5600

# Square

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



890C78



7E3500



005C19



005BA6

# Rectangle

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



890C78



9D0026



005C19



005F72



# Sweetspot

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



890C78



B382AC



1D0C89



593D55



D9D9D9



595959



# Same Dimension

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



890C78



B3009A



890C3A



453E44



850073



050004



# Inverse Universe

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



890C78



B3009A



0C895B



453E44



850073



050004



# Previews

## White Background



This preview shows how the Hex color 890C78 looks on a white background.

## Color Contrast Check

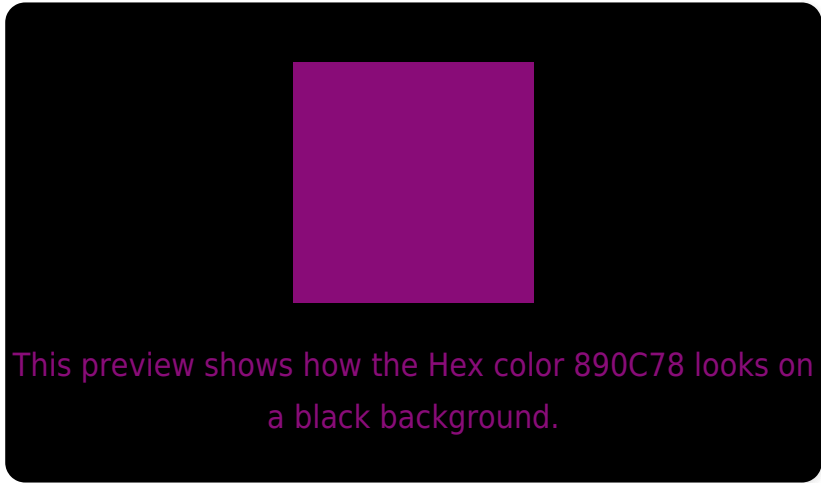
Large Text (above 18pt) WCAG AA ✓ Pass

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

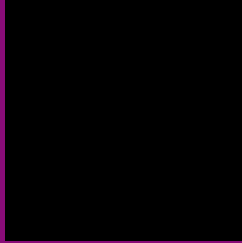
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 890C78 Background



This preview shows how black text looks on a background with the Hex color 890C78.

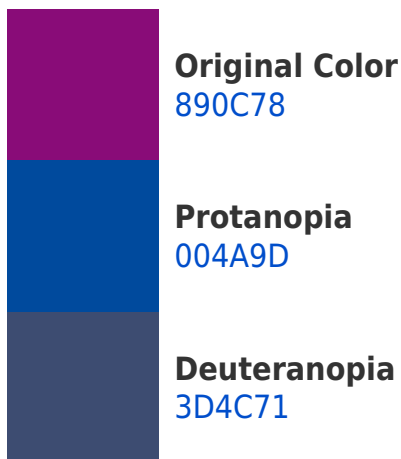



This preview shows how white text looks on a background with the Hex color 890C78.

# 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





**Tritanopia**  
833033

# Trichromacy



**Original Color**  
890C78



**Protanomaly**  
323390



**Deuteranomaly**  
593574



**Tritanomaly**  
85234C

# Monochromacy



**Original Color**  
890C78



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
592C53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 890C78 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 #890C78 looks like.

```
.text, #text, p{  
  color:#890C78  
}
```

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 #890C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #890C78
}
```

## Border

The CSS property to change the border of an element to Hex 890C78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

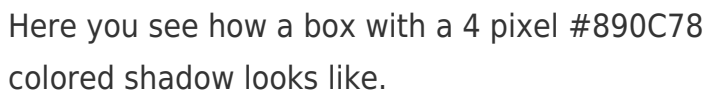
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#890C78 }
```

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

```
.border{ border-color:#890C78 }
```

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



Here you see how a box with a 4 pixel #890C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #890C78; -webkit-box-shadow:4px 4px  
4px 4px #890C78; box-shadow:4px 4px 4px  
4px #890C78 }
```

# Background

The CSS property to change the background color of an element to Hex 890C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#890C78 }
```

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

```
.background{ background-color:#890C78 }
```

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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