

# Converting Colors

Hex(890D89)

Have a look what the booklet for  
Hex(890D89) contains.

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**Color**

**Hex(890D89)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	890D89
RGB	137, 13, 137
RGB Percent	54%, 5%, 54%
CMY	0.4627, 0.9490, 0.4627
CMYK	0.00, 0.91, 0.00, 0.46
HSL	300°, 83%, 29%
HSV	300°, 91%, 54%
XYZ	14.9758, 7.4124, 24.3083
YIQ	64.2120, 34.1000, 64.8520

# Conversions

## Conversions Part 2

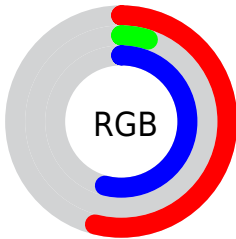
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 13, 137
Decimal	8981897
CIE <sub>Lab</sub>	32.73, 60.02, -37.31
CIE <sub>LCh</sub>	33, 70.676, 328.132
Y <sub>xy</sub>	7.4124, 0.3207, 0.1587
Android (android.graphics.Color)	4287171977 (0xFF890D89)
YUV	64.2120, 35.8845, 63.8351
Hunter-Lab	27.2256, 50.5413, -33.8789

# Details

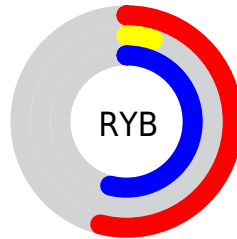
The Hex color **890D89** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0D890D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **C24FBF**, and **520056** is the 20% darker color. If you saturate the color by 10%, you get **890089**, and if you desaturate by 10%, it is **891B89**.

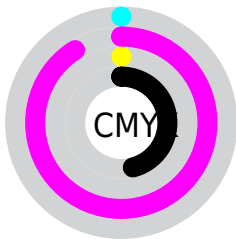
# Distribution



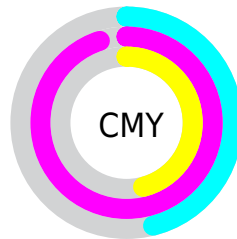
- Red (54%)
- Green (5%)
- Blue (54%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 890D89 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 890D89 by changing the saturation by 10% instead.



 890D89

 890D89

FFFFFF

 6D006F

 C24FBF

 520056

 DF6BDB

 39003F

 FD86F8

 1E0028

 FFA2FF

 000111

 FFBFFF

 000000

 FFDCFF

 FFF9FF

 890D89

 890D89

■ 890089

■ 891B89

■ 892889

■ 893689

■ 894489

■ 895289

■ 895F89

■ 896D89

■ 897B89

■ 898889

# Harmonies

## Analogous

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



2F40B1



890D89



A70053

# Triad

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



890D89



624A00



006381

# Complementary

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



890D89



0D890D

# 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.



006248



890D89



295800

# Square

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



890D89



8B2E00



005F03



0060AD

# Rectangle

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



890D89



A9002F



005F03



00636F



# Sweetspot

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



890D89



B382B3



0D0D89



593D59



D9D9D9



595959



# Same Dimension

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



890D89



B300B3



890D4B



453E45



850085



050005



# Inverse Universe

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



890D89



B300B3



0D894B



453E45



850085

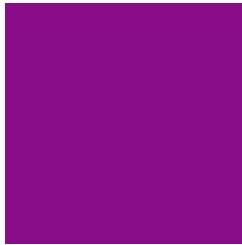


050005



# Previews

## White Background



This preview shows how the Hex color 890D89 looks on a white background.

## Color Contrast Check

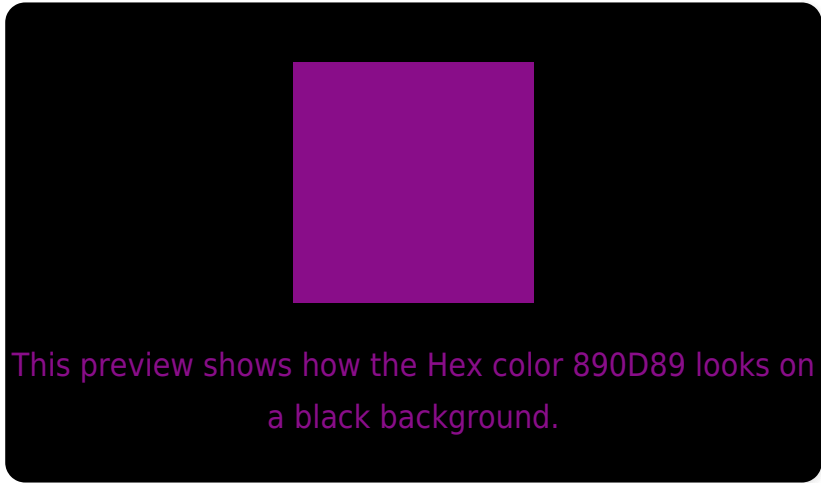
Large Text (above 18pt) WCAG AA ✓ Pass

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

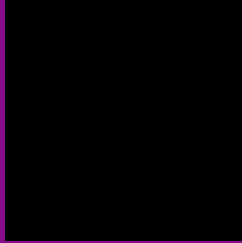
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 890D89 Background



This preview shows how black text looks on a background with the Hex color 890D89.




This preview shows how white text looks on a background with the Hex color 890D89.

# 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**  
80373A

# Trichromacy



**Original Color**  
890D89



**Protanomaly**  
323598



**Deuteranomaly**  
503784



**Tritanomaly**  
832857

# Monochromacy



**Original Color**  
890D89



**Achromatopsia**  
404040



**Achromatomaly**  
5B2D5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 890D89 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 #890D89 looks like.

```
.text, #text, p{  
    color:#890D89  
}
```

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 #890D89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #890D89
}
```

## Border

The CSS property to change the border of an element to Hex 890D89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

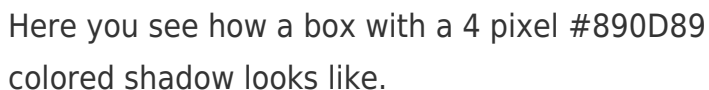
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#890D89 }
```

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

```
.border{ border-color:#890D89 }
```

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



Here you see how a box with a 4 pixel #890D89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #890D89; -webkit-box-shadow:4px 4px  
4px 4px #890D89; box-shadow:4px 4px 4px  
4px #890D89 }
```

# Background

The CSS property to change the background color of an element to Hex 890D89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#890D89 }
```

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

```
.background{ background-color:#890D89 }
```

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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